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Volume 20 Number 4



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Air University Library Index to Military Periodicals

Volume 20

Number 4

Cumulative Issue
January-December 1969

Frances B. Rucks, Editor

Air University Library

Maxwell Air Force Base, Ala.

This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

Preface

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 64 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949 and has continued on a quarterly basis superseded by annual and triennial cumulative issues. From 1949 to 1962 it was published as *Air University Periodical Index*. Staff members in the Reader Services Division of Air University Library index the periodicals with the exception of eight titles which other Air Force, Army, and Navy libraries index. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries on exchange basis.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT SEVERANCE

Director

Air University Library

- Aerosp Hist--Aerospace Historian (q) \$5.00. Air Force Historical Foundation, Bldg 819, Bolling AFB, DC, 20332.
- Aerosp Intl--Aerospace International (bim) \$12.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- Aerosp Maint Safety--Aerospace Maintenance Safety - AFRP 62-2 (m) \$3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- *Aerosp Med--Aerospace Medicine (m) \$12.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Aerosp Safety--Aerospace Safety - AFRP 62-1 (m) \$3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF & Space Dig--Air Force and Space Digest (m) \$7.00. Air Force Assoc, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- *AF Civil Engr--Air Force Civil Engineer - AFRP 85-1 (q) \$1.25. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- *AF Compt--The Air Force Comptroller - AFRP 170-2 (q) \$1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- *AF JAG L Rev--United States Air Force JAG Law Review - AFRP 110-1 (q) \$2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. Internal Information Division, SAF-OIL, Pentagon, Washington, DC, 20330.
- AF Times--Air Force Times (Eastern Edition) (w) \$10.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.
- Air Pict--Air Pictorial (m) \$6.00 (est). Air League, 334 Brixton Rd, London, SW 9, England.
- Air Reservist - AFRP 30-1 (m) No price given. Editor, Air Reservist, P.O. Box 423, Bolling AFB, DC, 20332.
- AU Rev--Air University Review, The Professional Journal of the United States Air Force - AFRP 50-2 (bim) \$4.50. Editor, AU Review, Air University Book Department, Maxwell AFB, Ala, 36112.
- Airman--Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) No price given. Editor, Airman, Bolling AFB, DC, 20332.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$7.00. American Aviation Historical Society, P.O. Box 99, Redondo Beach, Calif, 90277.
- *Approach, The Naval Aviator Safety Review - NavWeps 00-75-510 (m) \$7.00. Naval Safety Center, NAS, Norfolk, Va, 23511.
- *Armed Forces Compt--Armed Forces Comptroller (q) \$5.00. The American Society of Military Comptrollers, George Washington Station, Box 5096, Alexandria, Va, 22305.
- ***Armed Forces J--Armed Forces Journal (formerly Journal of the Armed Forces) (w) \$10.00. Army and Navy Journal Inc, 1710 Connecticut Ave, NW, Washington, DC, 20009.
- Armed Forces Mgt--Armed Forces Management (m) \$12.00. Ziff-Davis Publishing Co, 1156 15th St, NW, Washington, DC, 20005.
- Armor (bim) \$6.50. U.S. Armor Assoc, Suite 418, 1145 - 19th St, NW, Washington, DC, 20036.
- Army (m) \$6.00. Assoc of the U.S. Army, 1529 - 18th St, NW, Washington, DC, 20036.
- Army Dig--Army Digest, The Official Magazine of the Department of the Army (m) \$8.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Army Qtr--Army Quarterly and Defence Journal (q) \$7.00 (est). William Clowes & Sons, Ltd, Dorland House, 14 & 16 Lower Regent St, London, SW 1, England.
- Arty Trends--Artillery Trends (changed to Field Artilleryman with April 1969 issue)
- Combat Crew - SACRP 127-1 (m) No price given. Editor, Combat Crew, Hq Strategic Air Command (DOSDC), Offutt AFB, Neb. 68113.
- **Command (irregular) No price given. Officers' Christian Union of the U.S.A. P.O. Box 267, East Lansing, Mich, 48840.
- *Contact - AFITRP 35-1 (bim) No price given. AFIT(A), Wright-Patterson AFB, Ohio, 45433.
- Data--Data on Defense and Civil Systems (m) \$12.00. Data Publications, West Bldg, Washington National Airport, Washington, DC, 20001.
- *Def Ind Bul--Defense Industry Bulletin (m) No price given. Editor, Defense Industry Bulletin, Hq Defense Supply Agency (DSAH-B), Alexandria, Va, 22314.
- *Def Mgt J--Defense Management Journal (q) \$1.25. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Trans J--Defense Transportation Journal, Official Publication of the National Defense Transportation Association (bim) \$12.50. National Defense Transportation Assoc, 1612 K St, NW, Washington, DC, 20006.
- ***Fld Artilleryman--Field Artilleryman (formerly Artillery Trends) (irregular) No price given. Book Store, U.S. Army Field Artillery School, Fort Sill, Okla, 73505.
- F Wpns NL--Fighter Weapons Newsletter - AFRP 50-4 (changed to USAF Fighter Weapons Newsletter with no. 4, Dec 1967 issue)
- Flt Intl--Flight International (w) \$24.50. Iliffe NPT, Inc, 300 E 42nd St, New York, NY, 10017.
- Flying Rev Intl--Flying Review International (m) \$12.50. Haymarket Publishing Group, 9 Harrow Rd, London, W 2, England.

*Added titles since the 1965-1967
Cumulative Issue

**Titles ceased indexing since the
1965-1967 Cumulative Issue

***Titles changed since the 1965-1967
Cumulative Issue

- **Gen Elec Forum--General Electric Forum for National Security and Free World Progress (ceased indexing with vol 10, no. 4, Winter 1967-1968 issue)
- Hawk--Hawk, The Independent Journal of the Royal Air Forces Staff College (a) \$.70 (est). Royal Air Force Staff College, Bracknell, Berks, England.
- Infantry (bim) \$4.75. Editor, Infantry Magazine, Box 2005, Fort Benning, Ga, 31905.
- Interavia (m) \$15.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.
- Interceptor - ADCRP 127-2 (m) No price given. Editor, Interceptor, Hq Air Defense Command (ADCSA-E), Ent AFB, Colo, 80912.
- *Intl Def Rev--International Defense Review (q) \$4.00. Interavia U.S.A., 185 Madison Ave, New York, NY, 10016.
- Jour of Armed Forces--Journal of the Armed Forces (changed to Armed Forces Journal with vol 105, no. 45, July 6, 1968 issue)
- **Jour of Royal Arty--Journal of the Royal Artillery (ceased indexing with vol 94, no. 1, Mar 1967 issue)
- MAC Flyer - AFRP 62-5 (m) \$3.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$6.00. Marine Corps Assoc, Box 1775, Marine Corps School, Quantico, Va, 22134.
- **Mil Affairs--Military Affairs (ceased indexing with vol 31, no. 3, Fall 1967 issue)
- Mil Engr--Military Engineer (bim) \$10.00. Society of American Military Engineers, 800 - 17th St, NW, Washington, DC, 20006.
- Mil Rev--Military Review (m) \$4.00. Book Dept, U.S. Army Command and General Staff College, Fort Leavenworth, Kan, 66027.
- NATO's Fifteen Nations (bim) \$6.00. Circulation Manager, NATO's Fifteen Nations, 104 A, Nic. Anslijnstraat, Amsterdam West III, The Netherlands.
- Natl Guardsman--National Guardsman (m) \$2.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Nav War Col Rev--Naval War College Review (10 times yearly) No price given. Editor, Naval War College Review, U.S. Naval War College, Newport, RI, 02840.
- Navigation (q) \$15.00. Institute of Navigation, Suite 912, 711 - 14th St, NW, Washington, DC, 20005.
- Navigator - AFRP 50-3 (q) \$1.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Navy--Navy, The Magazine of Sea Power (m) \$3.00. Navy League of the U.S., 818 - 18th St, NW, Washington, DC, 20006.
- Officer (m) \$3.00. Reserve Officers Assoc, 1 Constitution Ave, NE, Washington, DC, 20002.
- Ordnance (bim) \$8.00. American Ordnance Assoc, Transportation Bldg, Washington, DC, 20006.
- Review (bim) \$7.50. The Defense Supply Assoc, 1026 - 17th St, NW, Washington, DC, 20036.
- Royal Air Forces Qtr--Royal Air Forces Quarterly (q) \$2.90 (est). R.A.F.A. Publishing Co, Ltd, 43 Grove Park Road, London, W 4, England.
- Royal United Svc Instn J--Royal United Service Institution Journal (q) \$7.20 (est). Secretary, Royal United Service Institution, Whitehall, London, SW 1, England.
- **Ryan Repr--Ryan Reporter (ceased indexing with vol 28, no. 4, Nov-Dec 1967 issue)
- **Sentinel--Canadian Forces Sentinel (ceased indexing with vol 3, no. 10, Nov-Dec 1967 issue)
- Signal (m) \$7.50. Armed Forces Communications and Electronics Assoc, 1725 Eye St, NW, Washington, DC, 20006.
- **Skyline (ceased indexing with vol 25, no. 4, 1967 issue)
- *Soviet Mil Rev--Soviet Military Review (m) No price given. Soviet Military Review, 38, Khoroshevskoe Shosse, Moscow, USSR.
- Space World (m) \$7.00. Palmer Publications Inc, Amherst, Wisc, 54406.
- Spaceflight (m) No price given. The British Interplanetary Society, 12, Bessborough Gardens, London, SW 1, England.
- **Sperryscope (ceased indexing with vol 17, no. 11, 1967 issue)
- TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, AFIGOPA, Hq USAF, Washington, DC, 20330. Limited to AF offices.
- *Tac Air Recon Dig--Tactical Air Reconnaissance Digest - TARCRP 55-1 (q) No price given. Deputy Chief of Staff for Requirements, Concepts/Doctrine, Tactical Air Reconnaissance Center, Shaw AFB, SC, 29152.
- *Trans Proc--Transportation Proceedings, The Official Magazine of Military Traffic Management and Terminal Service (m) \$3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- ***USAF F Wpns NL--USAF Fighter Weapons Newsletter - AFRP 50-4 (formerly Fighter Weapons Newsletter) (q) No price given. 4525th Fighter Weapons Wing (FWNL), Nellis AFB, Nev, 89110.
- USAF Instrs J--USAF Instructors Journal - AFRP 50-6 (q) \$1.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- **United Acft Bee-Hive--United Aircraft Bee-Hive (ceased indexing with vol 42, no. 4, Fall 1967 issue)
- USA Avn Dig--United States Army Aviation Digest (m) \$4.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$10.00. U.S. Naval Institute, Annapolis, Md, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks and/or twice a month		
sa	twice a year	q	quarterly
		w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U. S. have been eliminated and entry is directly under subject agency, e. g., STRATEGIC AIR COMMAND, not U. S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e. g., AIR FORCE--Great Britain; ARMY--United States.

Material on aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. Space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e. g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

Organization's abbreviation, if it is a national term, is used not only as a cross reference (e. g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e. g., DEFENSES--NATO). Abbreviations are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so alphabetically listed.

Reviews of books are grouped under BOOK REVIEWS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry: RESOURCE MANAGEMENT SYSTEMS

The management of military supply support and
logistics services. LtGen Earl C. Hedlund.
illus Def Ind Bul 5:12-17 Feb '69

Explanation: Under the subject RESOURCE MANAGEMENT SYSTEMS an article entitled "The management of military supply support and logistics services" by LtGen Earl C. Hedlund, with illustrations, appears in the magazine Defense Industry Bulletin, volume 5 on pages 12 through 17, the February 1969 issue.

ACEUR see Allied Command Europe

ACIC see Aeronautical Chart and Information Center

ACLANT see Allied Command Atlantic

ACW see Aircraft Control and Warning

AECF see Airman Education and Commissioning Program

AFCENT see Allied Forces, Central Europe

AFIT see Air Force Institute of Technology

AFOEP see Officer Education Program

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AMSA see Advanced Manned Strategic Aircraft

APR see Airman Performance Reports

ARPA see Advanced Research Projects Agency

ARVN see Army--Vietnam (Republic)

ASW see Antisubmarine Warfare

ATT see Army Training Tests

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control Systems

AWCLS see All-Weather Carrier Landing System

ABBREVIATIONS

Abbreviations (which should be--but may not be--familiar to AFmen) lined up. AF Times 30:5 Oct 8 '69

Don't ever spell it out. Virginia Conn. Navy 12:21 Jun '69

New (AF) Manual (11-2) published--abbreviations listed. AF Times 30:14 Oct 1 '69

ABERNETHY, Elmer P.

The Pecos (oilier) died hard. RADM E. P. Abernethy, Ret. por US Nav Inst Proc 95:74-83 Dec '69

ABHAU, William C.

"More exploratory effort needed." (ASW Systems Project Office) Interview. RADM William Conrad Abhau, illus Data 14:30-31 Jul '69

ABRAMS, Creighton W., Jr

Man of action: Gen Creighton W. Abrams. SP4 Richard A. Dey, Jr. illus Army Dig 24:54-55 Feb '69

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACADEMIC INSTRUCTOR AND ALLIED OFFICER SCHOOL

Air University's Allied Officer Program--service with a smile. Col Nick P. Apple. illus AF & Space Dig 52:69-73 Jul '69

5 ROTC prof(essor)s to teach at Air U. (in Academic Instructor Course during the current class). AF Times 30:6 Aug 27 '69

School head. (Commandant of Air University's Academic Instructor and Allied Officer School, Col William L. Brinson) AF Times 30:17 Dec 17 '69

ACADEMIC INSTRUCTOR AND ALLIED OFFICER SCHOOL - Continued

The teaching interview (developed for use in Academic Instructor Course, Academic Instructor and Allied Officer School, Air University). Maj H. C. Shallcross. illus USAF Instrs J 7:6-12 Summer '69

ACCELERATION

Changes in acid-base balance induced by 100 percent gradient headward acceleration. Spencer Shropshire, Jr and others. illus tabs Aerosp Med 40:237-242 Mar '69

Changes in ECG contour during prolonged +G_z acceleration. George H. Cohen and William K. Brown. illus Aerosp Med 40:874-879 Aug '69

Effects of angular acceleration on man: Thresholds for the perception of rotation and the oculogyral illusion. Brant Clark and John D. Stewart. illus Aerosp Med 40:952-956 Sep '69

Effects of various respiratory maneuvers on the physiological response to angular acceleration. Jose G. Lipana and others. illus tabs Aerosp Med 40:976-980 Sep '69

Influence of stature and physical fitness on tilt-table and acceleration tolerance. K. E. Klein and others. illus Aerosp Med 40:293-297 Mar '69

Measurement of endogenous carbon monoxide production to determine the effect of high +G_x acceleration on the destruction rate of red cells. Charles A. Colman, Jr and others. illus tabs Aerosp Med 40:627-631 Jun '69

Motion sickness precipitated in the weightless phase of parabolic flight by coriolis accelerations. Ashton Graybiel and others. tab Aerosp Med 40:819-822 Aug '69

ACCIDENT PREVENTION

See also
Safety Programs

Aircraft accident prevention. TIG Brief 21:15 Jan 31 '69

Are you ready for the accident that could happen tomorrow? illus Aerosp Safety 25:17-19 Nov '69

Atoms guide helicopters. Michael J. Clark. illus Ordnance 53:510-511 Mar-Apr '69

Be a defensive driver! TIG Brief 21:23 Mar 14 '69

Bird control. Elwood A. Seaman. tab Aerosp Safety 25:19 Feb '69

Configuration management and control. LCDR J. F. Hill. Approach 15:39-40 Sep '69

Conspiracy of the birds. Lt Arnold J. Hupp. illus Approach 15:8-11 Sep '69

Cornerstone of safety. (Safety training in General Purpose Vehicle Repairman and Aircraft Maintenance courses, Chanute AFB, Ill) illus Aerosp Maint Safety 24:6-8 Sep '69

Development of collision avoidance systems. Dieter H. Ebert. illus Interavia 24:258-262 Mar '69

Disposal of chemical agents. Charles L. Poor. Ordnance 54:30+ Jul-Aug '69

Double standards (safety-wise). illus Aerosp Maint Safety 24:16-17 Oct '69

Explosives safety. TIG Brief 21:21 Mar 28 '69

ACCIDENT PREVENTION - Continued

- 15 AFCS (AF Communications Service) outfits win (Ground) Safety titles. AF Times 29:54 Jun 18 '69
- Flight surgeons told to report aircraft hazards. AF Times 30:6 Aug 13 '69
- A frame of mind. Maj Raymond M. Ruana. Combat Crew 20:16-17 Jun '69
- Fun & your boat. Col Henry R. Howell, Jr. (Reprinted from Accent on Safety, Keesler AFB, Miss) illus Aerosp Safety 25:1-3 Jul '69
- In case of emergency. illus Approach 15:1-5 Jul '69
- Is fate the hunter (of outstanding aviators)? Maj W. F. Gabella. USA Avn Dig 15:30-31 Sep '69
- I've heard that song before. illus Aerosp Maint Safety 24:16-17 Jul '69
- The key (to an accident-free program)--maintenance integrity. LtCol G. I. McCulloch. illus Interceptor 11:5-7 Aug '69
- Lesson learned. illus USA Avn Dig 15:52-55 Apr '69
- Mischievous misses in life support. Robert H. Shannon. Aerosp Safety 25:10-13 Oct '69
- Missile lessons. tab illus Combat Crew 20:14-15 Jul '69
- More birds and more nets. (BAK-9 primary arresting system; MA-1 interconnect system) Maj David L. Elliott. illus Aerosp Maint Safety 24:6-9 Aug '69
- More on revetments. P. R. Thompson. illus USA Avn Dig 15:59-60 May '69
- Non-flying flying safety. Maj Walter C. Laurendine. illus Combat Crew 20:16-17 Dec '69
- Off duty accidents. LtCol Guy Casey, Jr. illus Combat Crew 20:24-25 Feb '69
- On the line. Regular feature in issues of Aerospace Maintenance Safety
- Operation Cool Ride. (163 Fighter Gp planning for deployment to Alaska) illus Interceptor 11:5-7 Feb '69
- Our crowded skies. LtCol Frank Schellenberger. illus Interceptor 11:11 Jun '69
- Pilot factor. LtCol R. T. Howard. illus Combat Crew 20:4-7 Jul '69
- Prevention sense. illus USA Avn Dig 15:48-58 Sep '69
- Remove all tiedowns! illus Approach 15:38-39 Jul '69
- Safety for combat readiness. Col Russell P. Bonasso and others. (Adapted from USABAAR (U.S. Army Board for Aviation Accident Research) presentation made to the Command and General Staff College and Army War College) illus tabs USA Avn Dig pt 1, 15:36-46 Jul '69; pt 2, Aircraft capabilities. 15:36-44 Aug '69; pt 3, Control of noncombat accidents. 15:36-47 Sep '69
- Safety in flight. How can it be achieved? Col V. Yermakov. Soviet Mil Rev No. 6:28-29 Jun '68
- (A severe case of spatial disorientation) Aerosp Safety 25:19 Jul '69
- The sound of danger. illus Aerosp Maint Safety 24:10-11 Apr '69
- Swan 176, where are you? (The pattern of encounters between birds and aircraft) (Reprinted from Air Canada Grapevine) illus Aerosp Safety 25:18-21 Sep '69

ACCIDENT PREVENTION - Continued

- The tenth time (the risk does not pay off). illus Interceptor 11:12-14 Aug '69
- They should have survived (a survivable crash). CW2 Wayne K. Roberts. illus USA Avn Dig 15:23-25 Sep '69
- Today's chopper problems. illus tabs Approach 14:14-17 Mar '69
- The top of the iceberg. tabs Approach 14:28-31 Mar '69
- USAF 1968 safety trophies. illus Aerosp Safety 25:14-15 Jul '69
- The unlucky dumping (of poison gas bombs and other toxic agents or explosives). Armed Forces J 106:8-9 May 24 '69
- We can't afford accidents at \$1,200,000 a day! (Adaptation of address, Worldwide Materiel Conference, Vandenberg AFB, Calif) Col Edward W. Szaniawski. Aerosp Safety 25:2-6 Jan '69
- Who's minding the men? illus Aerosp Maint Safety 24:10-12 Nov '69

ACCIDENTS

- Release of accident/incident report information. TIG Brief 21:17 Sep 26 '69

ACCIDENTS, AIR

- Crash sense. Regular feature in issues of United States Army Aviation Digest
- Development of collision avoidance systems. Dieter H. Ebert. illus Interavia 24:258-262 Mar '69
- Epidemiology of aerial application (crop-dusting) accidents. G. Anthony Ryan and John D. Dougherty. tabs illus Aerosp Med 40:304-309 Mar '69
- Is fate the hunter (of outstanding aviators)? Maj W. F. Gabella. USA Avn Dig 15:30-31 Sep '69
- Jet safety: Ten years of operations analysed. Alan A. Smith. illus tabs Flt Intl 95:95-98 Jan 16 '69
- Mid-air! MAC Flyer 16:10-11 Dec '69
- Penetration & approach--the whole crew's business! Maj Forrest H. Burleson. illus Combat Crew 20:8-9 Nov '69
- Role of helmet loss in head injuries to USAF aircrews who ejected, 1963-1967. Robert H. Bonner. tabs Aerosp Med 40:1123-1125 Oct '69
- Rotor roulette. illus MAC Flyer 16:4-6 Oct '69
- (Strategic Air Command--its resources and training) Interview. LtGen Paul K. Carlton. illus Combat Crew 20:4-10 Aug '69
- Variation in the annual general aviation accident rate as it relates to flight training. John D. Dougherty. illus tabs Aerosp Med 40:699-707 Jul '69
- What is PWD (Proximity Warning Device)? Charlie Martin. illus USA Avn Dig 15:20-21 Oct '69
- What is the answer (to aircraft accidents)? Maj Everett E. Ruble. illus Aerosp Safety 25:22-23 Aug '69

CausesSee also

Pilot Error

ACE (Accident Cause Elimination Program of 15th Air Force). illus Aerosp Safety 25:24-25 Feb '69

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Aircraft accident prevention. TIG Brief 21:15
Jan 31 '69

Aircraft briefs. Regular feature in issues of Aero-
space Maintenance Safety

Airframe FOD. LtCol Lester R. Kerfoot, Jr. illus
USA Avn Dig 15:54-56 May '69

All but four (made it home). Maj Allan L. Smith.
illus USA Avn Dig 15:10-16 Oct '69

Are midairs a must? illus Aerosp Safety 25:18-19
Jan '69

Army (accident) report hits Lockheed negligence.
illus Armed Forces J 107:2 Oct 11 '69

As fast as you can see. Gerard Bruggink. illus USA
Avn Dig 15:52-53 Jan '69

Bail out B-52. LtCol R. T. Howard. illus tabs Combat
Crew 20:4-9 Feb '69

The bird strike problem. TIG Brief 21:18 Oct 24 '69

Bird strikes. Marcus Langley. illus Flt Intl 95:8-9
Jan 2 '69

Birds do fly--IFR. G. Francis Farrell. Combat Crew
20:28-30 Apr '69

Conspiracy of the birds. Lt Arnold J. Hupp. illus
Approach 15:8-11 Sep '69

The deadliest enemy--boredom. Capt Charles C.
McCloskey III. USA Avn Dig 15:22-23 Oct '69

Distraction (of a pilot's attention). illus Approach 15:
1-4 Sep '69

Don't destroy the evidence. Aerosp Safety 25:1 Sep '69

Down and out. Regular feature in issues of Interceptor

Emotional stresses lead to (helicopter) cockpit
anxiety. USA Avn Dig 15:49 Aug '69

Eyewash and safety. (Resumé of 1968 major accidents
in ADC) illus tab Interceptor 11:8-15 Mar-Apr '69

FAA report of near midair collision study, 1968.
Approach 15:8-11 Oct '69

FOD strikes again! illus Approach 15:40-44 Oct '69

Fair warning. illus tab USA Avn Dig 15:60-62 Apr '69

Flying review 1968 (for SAC). LtCol R. T. Howard.
illus Combat Crew 20:4-6+ Apr '69

Get home itis. illus Approach 15:30-32 Dec '69

"Grounded" eagle--an accident investigation. LtCol
C. C. Norton. illus USA Avn Dig 15:18-22 Nov '69

The horns of the dilemma: Standardization--toomuch?
Not enough? Archard F. Zeller. illus Aerosp
Safety 25:18-21 Jun '69

Incidence, causes and results of airline pilot inca-
pacitation while on duty. L. E. Buley. tabs Aerosp
Med 40:64-70 Jan '69

The least forgiving. (Maintenance errors) tab illus
Approach 14:36-39 Mar '69

Lesson learned. illus USA Avn Dig 15:52-55 Apr '69

Midair collision. illus Approach 15:18-20 Nov '69

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Minimizing crash injuries. Maj Robert D. Pine. illus
Combat Crew 20:18-22 Dec '69

The miss-placed hat. LCDR R. J. Sinwell. Approach
15:40-41 Jul '69

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Divisions, Wings, Groups, etc

See also specific types of units, e.g.,

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Force (personnel strength) of 806,700 smallest since '51. AF Times 30:5 Sep 17 '69

It's official: Pilot shortage exists, in non-flying jobs, at least (according to Sec Seamans and Gen Ryan at House appropriations hearings). AF Times 30:9 Dec 17 '69

More than 45,000 cuts to come in recruiting. AF Times 30:3 Oct 22 '69

New Manpower (and Reserve Affairs) Chief--(Curtis W.) Tarr faces problems of personnel cutback. AF Times 30:38 Aug 20 '69

Vietnam (Republic)

Aiming to take over (Vietnamese airmen who some day will have the sole responsibility of protecting Viet AF bases). illus AF Times 30:16-17 Dec 24 '69

New day for the VNAF. Capt Robert P. Everett. illus Airman 13:4-7 Dec '69

Viet pullout chance dims for AF crews. AF Times 30:1+ Aug 20 '69

AIR FORCE, 4th

Natural resources. (Six major climatic regions within the 4th Air Force of Aerospace Defense Command) Harold Burchell. illus AF Civil Engr 10:26-27 Aug '69

AIR FORCE, 8th

Economy wave to include deactivation of Eighth AF. AF Times 30:3 Sep 10 '69

Guam gets 8th AF (at Andersen AFB, Guam), instant history. AF Times 30:11 Dec 24 '69

AIR FORCE, 13th

Top cost-cutters (13th AF, in 1969 Cost Reduction Program management). AF Times 30:2 Oct 15 '69

AIR FORCE, 15th

Flyers, bombers and the 15th Air Force. (Address at ceremonies observing the 25th Anniversary of 15th Air Force (SAC), March AFB, Calif, Dec 7, 1968) LtGen Joseph Holzapfel. AF Plcy Ltr for Comdrs: Sup No. 1:28-31 Jan '69

AIR FORCE, 19th

Phase-out planned for 19th AF. AF Times 30:5 Oct 22 '69

AIR FORCE ACADEMY

(AF Academy) Prep(aration) School grads enroll for Academy. AF Times 29:8 May 28 '69

(AF) Academy seeks bright recruits. AF Times 29:2 Aug 6 '69

Academy awards diplomas to 673. AF Times 29:5 Jun 11 '69

Academy eases vision (entrance) standard. AF Times 30:5 Nov 5 '69

Academy exchange program (between AF Academy and the Ecole de L'Air, the French AF Academy). Armed Forces J 107:13 Sep 6 '69

Academy faculty job hard to land--only 130 vacancies expected. AF Times 30:5 Nov 19 '69

An Academy unique. (Cadet pay system) Maj James H. Noble. illus AF Compt 3:31-34 Apr '69

Air Force Academy boasts new Field House. Robert J. Walsh. illus AF Civil Engr 10:12-13 Feb '69

'Criteria' set for Academy. AF Times 29:5 Jul 30 '69

Doolies (AF Academy's newest class) score high. AF Times 30:2 Sep 10 '69

Novice navigators (of the Inter-Academy Symposium, AF Academy Cadet Branch of the Institute of Navigation (ION)). illus Navigator 16:34-35 Summer '69

Screening for Doolies begins--process outlined. AF Times 29:4 Mar 12 '69

To rest at the Academy. MSgt L. B. Leonberger. Airman 13:64 Nov '69

U.S. Air Force Academy. illus AF & Space Dig 52:162-163+ Sep '69

U.S., France swap Academy cadets. AF Times 30:2 Aug 27 '69

Curricula

Celestial under cover (Academy Planetarium). Maj Kenneth W. Brotnov. illus Navigator 17:12-13 Fall '69

Communications education at the USAF Academy. Col Roland E. Thomas and Maj Paul W. Clark. illus chart Signal 24:8-10 Dec '69

Statistics

AFA grads get rated jobs--only 30% in non-flying fields. AF Times 29:7 Apr 23 '69

Academy awards diplomas to 673. AF Times 29:5 Jun 11 '69

At AF Academy 54 cadets are Negro. AF Times 29:37 Jan 8 '69

AIR FORCE ACCOUNTING AND FINANCE CENTER

Air Force Accounting and Finance Center. illus AF & Space Dig 52:172-173 Sep '69

Allotment questions rise--Denver (Accounting and Finance Center is) answering service. John Greenwald. AF Times 30:1+ Dec 17 '69

Assistant Comptroller of the Air Force for Accounting and Finance. TIG Brief 21:2-4 May 9 '69

Denver (Accounting and Finance Center) to get 'blue tubes' of men in SEA. John Greenwald. AF Times 29:4 May 14 '69

Full info(rmat)ion required for pay changes. AF Times 29:11 Jun 25 '69

It's always check and double-check (for AF Accounting and Finance Center). AF Times 30:5 Oct 29 '69

Pay 'desk' (AF Accounting and Finance Center in Denver) fields queries. AF Times 29:2 May 21 '69

Records foul-up--some pay in Europe snafued. John Greenwald. AF Times 30:1+ Nov 19 '69

USAFE's high flying military paychecks (from the Accounting & Finance Center, Denver). LtCol L. R. Froebe. illus AF Compt 3:15-16 Jul '69

AIR FORCE AID SOCIETY

AFAS educational aid increased last year. tab AF Times 29:6 Apr 2 '69

AFAS loans to help wives finish college. AF Times 29:36 Mar 5 '69

Air Force Aid Society (AFAS). TIG Brief 21:6 Jul 18 '69

Air Force Aid Society (AFAS) annual campaign. TIG Brief 21:9 Aug 1 '69

Air Force Aid Society (AFAS) loan procedures and records. TIG Brief 21:7 Jul 18 '69

Loans (from Air Force Aid Society) tighten up. AF Times 29:2 Aug 6 '69

AIR FORCE ARMAMENT LABORATORY

Air Force Armament Laboratory--putting the weapon in the weapon system. Col Abner B. Martin. illus Def Ind Bul 5:14-16 Oct '69

AIR FORCE ASSOCIATION

AFA awards slated--Apollo 8 crew heads list. AF Times 29:8 Mar 12 '69

AFA convention round-up. Jaci Erickson. Armed Forces J 106:10-11 Mar 29 '69

AFA hardware show (at 5th Annual Fall Meeting, opening in Washington, Sep 22, 1969). Armed Forces J 107:18-19 Sep 20 '69

AFA honors USAF's Outstanding Airmen. AF & Space Dig 52:99 May '69

AFA nominees--1969-1970. Don Steele. por AF & Space Dig 52:63-64 Feb '69

AFA salutes cadets (of AFROTC units). illus AF Times 30:50 Oct 8 '69

AFA sets aerospace seminar (for senior AF Systems Command officers, Washington, Sep 22-24, 1969). AF Times 30:35 Sep 3 '69

AFA units and individuals honored at the convention. Table only. AF & Space Dig 52:126 May '69

AIR FORCE ASSOCIATION - Continued

AFA's new leaders for 1969-70. Table only. AF & Space Dig 52:125 May '69

AFA's Policy Resolutions for 1969-1970. illus AF & Space Dig 52:110-113 May '69

An aerospace milestone event. (AFA Fall Meeting, Washington, Sep 22-24, 1969) Edgar E. Ulsamer. illus AF & Space Dig 52:86-90 Nov '69

The Air Force Association's 1969-70 Statement of Policy. AF & Space Dig 52:8-9 May '69

Airmen honored by AFA. AF Times 29:11 Feb 5 '69

Among (AFA's) Airmen Council proposals--solution offered on EM insignia (broadening super-grade jobs, and opening route to direct commissions for NCOs). AF Times 30:5 Aug 27 '69

Awards at the 1969 AFA National Convention. Table only. AF & Space Dig 52:95 May '69

Board to pick 12 top EM (to be honored at the next AF Assoc convention). AF Times 30:4 Oct 1 '69

Cadets (Arnold Air Society), Angels (National Staff for Angel Flight) attend black-tie Annual (Meeting). AF Times 30:23 Oct 1 '69

Career aims given by junior officers. AF Times 29:4 Apr 2 '69

Delegates chart AFA's future (at National Convention, Houston, Tex, Mar 18-21, 1969). Don Steele. illus AF & Space Dig 52:124-128 May '69

The finest of the best. (AFA honors Outstanding Airmen of 1969) Maj Jim Taylor. illus Airman 13: 20-23 Jul '69

The high cost of withdrawal. Editorial. John F. Loosbrock. AF & Space Dig 52:8 Nov '69

Officers (AFA's Junior Officer Advisory Council advises USAF to) rap 'irritants.' AF Times 30:8 Sep 24 '69

People: USAF's most valuable asset. (Report on "The Air Force and Its People" and "A Single Air Force Team," symposia at AFA Convention, Houston, Tex, Mar 18-21, 1969) William P. Schlitz. illus AF & Space Dig 52:114-122 May '69

Showcase of the breadth and depth of aerospace: AFA's 1969 National Convention. Edgar E. Ulsamer. illus AF & Space Dig 52:92-99 May '69

AIR FORCE COMMUNICATIONS SERVICE

Air Force Communications Service. illus chart AF & Space Dig 52:136-139 Sep '69

Air traffic operations at all-time high. AF Plcy Ltr for Comdrs: Sup No. 5:10-11 May '69

Cleared for takeoff. MSgt Ken Allen. illus Airman 13:45-47 Aug '69

8th year marked by AFCS (Air Force Communications Service). AF Times 29:47 Jul 2 '69

It's just a job. (Air Force Communications Service's antenna maintenance team, Owada Communications Station Terminal, Japan) SSgt William C. Brooks. illus Airman 13:14-16 Aug '69

AIR FORCE CROSS

AF Cross awarded to Col (Joseph B.) Madden. AF Times 29:44 Apr 23 '69

AF Cross awarded to Maj (Jerry) Griggs. AF Times 29:40 Jun 11 '69

AIR FORCE CROSS - Continued

AF Cross awarded (Maj Thomas A. Campbell) for rescue flight. illus AF Times 30:38 Aug 13 '69

AF Cross awarded to pilot (LtCol William Boyd, Jr) of C-130. AF Times 29:39 Jan 15 '69

AF Cross won by Dover (AFB, Del) NCO (TSgt Victor A. Adams). illus AF Times 30:23 Sep 17 '69

All for one! (Rescue mission by Capt Donald D. Stevens) SMSgt James A. George. illus Airman 13:50-53 Feb '69

Col (Karl T.) Feuerriegel receives AF Cross. AF Times 29:34 Jul 23 '69

Copter pilot (LtCol Leonard A. Gonzales) wins (Air Force) Cross (and Distinguished Flying Cross). AF Times 30:38 Dec 17 '69

A Cross (AF) for (Maj Glen P.) York (for daring rescue only 30 miles south of Hanoi). Maj Jimmy W. Kilbourne. illus Airman 13:50-54 Aug '69

(LtCol Alfred J. Jeannotte, Jr) wins Air Force Cross. AF Compt 3:8 Jul '69

Major (Hunter F.) Hackney wins AF Cross. AF Times 29:53 Jun 4 '69

No taps for these veterans (Col Ralph Hoggatt's rescue efforts win him the Air Force Cross). Maj Jimmy W. Kilbourne. illus Airman 13:32-36 Nov '69

One day at a time. (AlC William H. Pitsenbarger, first USAF enlisted man to be awarded the Air Force Cross) SMSgt James A. George. illus Airman 13:38-41 Jan '69

Pararescue Sgt (Thomas A. Newman) wins Air Force Cross. AF Times 29:14 Jan 1 '69

Pararescueman (AlC Joel E. Talley) wins AF Cross. AF Times 29:42 Jun 25 '69

A superb display of guts (by Col James R. Brickell). Maj Jimmy W. Kilbourne. illus Airman 13:58-62 Oct '69

Three pilots earn Air Force Crosses. illus AF Times 29:50 Jul 2 '69

AIR FORCE DATA SYSTEMS DESIGN CENTER

Air Force Data Systems Design Center. illus AF & Space Dig 52:186+ Sep '69

Meet BrigGen Vernon R. Turner. AF Compt 3:1 Jul '69

AIR FORCE HISTORICAL FOUNDATION

Why so little interest in AF history? AF Times 29:13 Feb 5 '69

AIR FORCE INSTITUTE OF TECHNOLOGY

AFIT berths won by 1323. George Foster. AF Times 30:1+ Dec 10 '69

AFIT board selections. Armed Forces J 107:14 Nov 1 '69

AFIT celebrates 50th anniversary. illus Contact 23:2-3 Nov-Dec '69

AFIT cut 10% in entries (for FY '70). George Foster. AF Times 30:1+ Oct 15 '69

AFIT--50 years old and going strong. Allan R. Scholin. illus AF & Space Dig 52:90-100 Nov '69

AIR FORCE INSTITUTE OF TECHNOLOGY - Continued

- AFIT may boost pilot (in pursuit of advanced academic degrees) quota sharply. AF Times 30:4 Oct 29 '69
- AFIT reduces records review. AF Times 29:6 Jul 9 '69
- AFIT selections likely soon--1400 names expected. AF Times 30:17 Nov 26 '69
- AFIT: Yesterday, air application--today, aerospace technology. Capt Michael Perry. illus Aerosp Hist 16:12-15 Winter '69
- Advisory report hits AFIT engineering degree schools. AF Times 29:5 Jun 18 '69
- Air Force Logistics Command. BrigGen William C. Fullilove. illus Contact 23:2-7 Sep-Oct '69
- Civilian schooling: Big business in AF (Institute of Technology). AF Times 30:50 Aug 27 '69
- Education for the Military Logistics Manager. Juliette D. Pearce. illus tabs Trans Proc 3:11-15 Nov '69
- First four win PhDs as AFIT graduates 189. AF Times 29:4 Jul 2 '69
- Pilot (Capt Gary L. Nelsen) receives AFIT honors. AF Times 29:52 Aug 6 '69
- Ready AFROTC instructors. (Program at AFIT) Armed Forces J 106:12-13 Jul 19 '69
- Schools without classrooms. (EWI, Education With Industry program) Ed Blair. illus Airman 13:36-39 Jun '69
- 63 win Master's in Logistics (Management Course at AFIT). AF Times 30:7 Sep 17 '69
- 2 new courses (AFROTC preparatory course and a Harvard program for management development) added by AFIT. AF Times 30:4 Aug 13 '69

History

- AFIT--50 years old and going strong. Allan R. Scholin. illus AF & Space Dig 52:90-100 Nov '69

AIR FORCE LOGISTICS COMMANDSee also

Advanced Logistics Systems Center
Air Materiel Areas

- AFLC comptrollership. BrigGen John French. illus AF Compt 3:16-19 Jul '69
- AFLC guidance unit redesignated (Aerospace Guidance and Meteorology Center, Newark AFS, Ohio). Def Ind Bul 5:21 Jan '69
- Air Force Logistics Command. BrigGen William C. Fullilove. illus Contact 23:2-7 Sep-Oct '69
- Air Force Logistics Command. Gen Jack G. Merrell. illus AU Rev 20:2-13 Jul-Aug '69
- Air Force Logistics Command. illus chart AF & Space Dig 52:124-127 Sep '69
- Budgeting AFLC. G. V. McClellan. AF Compt 3:14-15+ Apr '69
- Computers feed the war front. Claude Witze. illus AF & Space Dig 52:54-57 May '69
- Crew chiefs upgrade system (manager) support. MajGen Fred J. Ascani. Def Ind Bul 5:17-18 Jun '69

AIR FORCE LOGISTICS COMMAND - Continued

- Effective logistic support--key to Air Force operational readiness. Gen Jack G. Merrell. illus chart Def Ind Bul 5:1-8 Jun '69
- Innovations within AFLC. MajGen Fred J. Ascani. illus AU Rev 20:37-47 Jul-Aug '69
- The reason for AFLC's existence. Gen Jack G. Merrell. AF Compt 3: back cover Jul '69

Organization

- AFLC (initiates a major headquarters) reorganization. Armed Forces J 106:13 Aug 16 '69
- Effective logistic support--key to Air Force operational readiness. Gen Jack G. Merrell. illus chart Def Ind Bul 5:1-8 Jun '69

AIR FORCE MISSILE DEVELOPMENT CENTER

- Four missiles put to test at Holloman. AF Times 29:35 Apr 30 '69

AIR FORCE SERGEANTS ASSOCIATION

- NCOs hit officer E4 inputs. AF Times 30:4 Oct 29 '69

AIR FORCE SECURITY SERVICE

- USAF Security Service. illus AF & Space Dig 52:160-161 Sep '69

AIR FORCE SPECIAL WEAPONS CENTER

- When lightning strikes. (Gamma ray bombardment of sensitive electrical systems) Ed T. Blair. illus Airman 13:49-51 Nov '69

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.AIR FORCE SYSTEMS COMMANDSee also agencies by name, e.g.,

Aeronautical Systems Division
Aerospace Medical Division
Arnold Engineering Development Center
Electronic Systems Division
Space and Missile Systems Organization

- AFA sets aerospace seminar (for senior AF Systems Command officers, Washington, Sep 22-24, 1969). AF Times 30:35 Sep 3 '69

Air Force Systems Command. illus chart
AF & Space Dig 52:140-144 Sep '69

- Air Force Systems Command (offers a wide range of assignment opportunities for the AFIT graduate). illus Contact 23:3-8 Mar-Apr '69

(Air Force Systems Command): Specialists in planning, procurement, production. illus tab Armed Forces J 106:13-17+ Apr 19 '69

- The birth of misfires. (Excerpts from remarks, AFA Fall Meeting Management Seminar) Gen James Ferguson and MajGen Lee V. Gossick. Armed Forces J 107:15 Oct 4 '69

A guide to Air Force technology bases. illus map
AF & Space Dig 52:58-62 May '69

- Management of research and development in an Air Force laboratory (Rome Air Development Center, Griffiss AFB, NY). Col George A. Zahn. illus Def Ind Bul 5:23-27 Jun '69

Unsung civilians: Experts in AFSC aid effort in SEA. illus AF Times 29:29 Jan 29 '69

- Where lieutenants manage millions. Ted R. Sturm. illus Airman 13:52-56 Dec '69

AIR FORCE SYSTEMS COMMAND - ContinuedDirectories

(Air Force Systems Command): Specialists in planning, procurement, production. illus tab Armed Forces J 106:13-17+ Apr 19 '69

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(Air Force Systems Command): Specialists in planning, procurement, production. illus tab Armed Forces J 106:13-17+ Apr 19 '69

Air Force Systems Command--technology, the goal and the challenge. Gen James Ferguson. illus chart map Def Ind Bul 5:24-34 May '69

Statistics

Management's critical challenge--people. (Air Force Systems Command's personnel programs) BrigGen John B. Hudson. illus AU Rev 20:60-70 Jan-Feb '69; Condensation. Contact 23:2-9 May-Jun '69

AIR FORCE TECHNICAL TRAINING CENTERS

Air Training Command schools. Map only. USAF Instrs J 7:36-37 Summer '69

The "gateway's" diversified mission (training programs, Lackland Military Training Center). Interview. MajGen G. B. Greene, Jr. illus USAF Instrs J 7:65-70 Fall '69

Keesler Technical Training Center. MajGen James C. McGehee. illus USAF Instrs J 7:64-70 Summer '69

Learning through discussion (in Sentry Dog Handler Course, Lackland AFB, Tex). TSgt Charles L. Truax. USAF Instrs J 7:33-35 Summer '69

No-lecture class (at Keesler AFB, Miss) proves successful. AF Times 30:17 Aug 13 '69

NDI (NonDestructive Inspection) school (AF Technical Training Center, Chanute AFB, Ill)--the world's best training in one of the newer maintenance tools. illus Aerosp Maint Safety 24:2-4 Jul '69

Training career-motivation advisors (at 3275th Technical School, Lackland AFB, Tex). Arthur J. Leifeste. USAF Instrs J 7:24-27 Summer '69

AIR FORCE VILLAGE FOUNDATION

AF Village becomes reality--five years of fund-raising efforts reach climax at groundbreaking (in San Antonio, Tex, June 11, 1969). Helen Fritz. illus tab AF Times 29:25 Jun 18 '69

AF Village construction starts. Helen Fritz. illus AF Times 29:25 Jun 11 '69

Air Force Village coming soon--construction to begin by May 1. Helen Fritz. AF Times 29:24 Apr 16 '69

Ground broken for Air Force Village. illus AF & Space Dig 52:22 Jul '69

How Air Force Village will work. Interviews. MajGen Jess Larson, Ret, Mrs John P. McConnell and MajGen William H. Powell, Jr, Ret. illus tab AF & Space Dig 52:66-70 Aug '69

Mrs Ryan boosts FS (Family Service programs in Europe), (AF) Village during USAFE tour. AF Times 30:30 Dec 3 '69

AIR FORCE WESTERN TEST RANGE

ITT's role in the Pacific. Joseph J. Gancie. map illus Signal 24:48-53 Oct '69

AIR FORCES IN EUROPE

ANG KC-97Ls--doing a job for USAFE. Stefan Geisenheyner. illus AF & Space Dig 52:66-69 Nov '69

How USAFE collected a million dollars. B. D. Kalinski. illus AF Compt 3:34-35 Jul '69

Joined for defense. Dave Karten. illus Airman 13:47-50 Oct '69

A look at the other front. Claude Witze. illus AF & Space Dig 52:16+ Nov '69

The transportation challenge of combat readiness. BrigGen Robert A. Berman. illus chart Trans Proc 3:15-18 Jan '69

USAFE bolsters protection--individual aircraft shelters (system called TABV (Theater Air Base Vulnerability)), and is converting its interceptor force from F-102's to F-4's, among other changes). AF Times 30:36 Oct 29 '69

USAFE's high flying military paychecks (from the Accounting & Finance Center, Denver). LtCol L. R. Froebe. illus AF Compt 3:15-16 Jul '69

U.S. Air Forces in Europe. illus chart AF & Space Dig 52:132-135 Sep '69

AIR FORCES SOUTHERN COMMAND

21 diplomats meet for Albrook (AFB, CZ) talks (on the mission of the Air Forces Southern Command). AF Times 29:17 Jul 30 '69

USAFSO's job in Latin America. CMSgt E. Martinez. illus Airman 13:8-12 Feb '69

U.S. Air Forces Southern Command. illus AF & Space Dig 52:158-159 Sep '69

AIR FREIGHT see Air CargoAIR LAW

Federal Aviation Regulation violations. tabs TIG Brief 21:18-19 Mar 28 '69

U.S. noise certification proposals. Flt Intl 95:80 Jan 16 '69

AIR MAIL SERVICE see Postal ServiceAIR MATERIEL AREAS

Effective logistic support--key to Air Force operational readiness. Gen Jack G. Merrell. illus chart Def Ind Bul 5:1-8 Jun '69

AIR MOBILITYSee also

Air Assault Concept
1st Cavalry Division (Airmobile)
Close Air Support

Accent on mobility: Helicopters add speed and power to Lightnings' (25th Infantry Division) punch. SP4 Joseph B. Moore, Jr. illus Army Dig 24:10-12 Feb '69

Air assault: Past, present, and future. (Army air mobility) LtCol John R. Galvin. illus tab Armed Forces J 106:15-17+ Jul 26 '69

Air Force begins field tests of air mobile bases. Def Ind Bul 5: back cover Nov '69

The Air Force modular relocatable facilities program. James J. Claps. illus AF Civil Engr 10: 14-15 Nov '69

Airframes versus boatspaces. Col Bruce J. Matheson. illus MarCor Gaz 53:46-47 Oct '69

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Airlift under pressure--'Coronet Bare.' illus Air Reservist 21:12-13 Nov '69

Airmobile style--rappel and troop ladder. Col Kenneth D. Mertel. illus USA Avn Dig 15:10-13 Feb '69

Army airmobility--concept to reality. Philip R. Smith, Jr. illus Army Dig 24:12-19 Sep '69

Army Aviation's future. LtGen Harry W. O. Kinnard. illus USA Avn Dig 15:2-7 Mar '69

Bare Base Exercise (Coronet Bare). Armed Forces J 107:20 Oct 11 '69

Col Earl Buchan discusses Army mobility. Interview. illus Data 14:39-40 Oct '69

Combat hotline (resupply). Col Marion C. Dalby. illus MarCor Gaz 53:27-30 Apr '69

Developments in airmobility in the U. S. Army. LtCol Donald F. Harrison. illus USA Avn Dig 15:20-24 Jun '69

(Exercise) 'Coronet Bare' slated to build new base (at North Field, SC). AF Times 30:14 Oct 1 '69

From virgin site to Bare Base. LtCol Morris B. Rubenstein. illus AF Civil Engr 10:10-11 Nov '69

The heavy lift helicopter in counterinsurgency and limited warfare. Editorial. Col Alex Rankin, Ret. illus Data 14:12-13 Dec '69

The heavy lift helicopter: Workhorse of the future. Interview. Tom P. Pepler. illus Data 14:17-19 Aug '69

Improved AF mobility. (Exercise to test advanced "bare base" mobility concept to start in mid-October) Armed Forces J 107:13 Sep 13 '69

Innovations within AFLC. MajGen Fred J. Ascani. illus AU Rev 20:37-47 Jul-Aug '69

Jitterbugging: (Mekong) Delta dance of death. (Infantry-helicopter-artillery-airplane combination tactics of the 1st RECONDO (RECONnaissance-CommandO) Brigade, 9th Infantry Division) LtCol Paul B. Malone III. illus maps Army 19:49-53 Jul '69

Let's practice what we preach about (Marine Corps) helicopter operations (support). LtCol Dennis J. Murphy. illus tabs MarCor Gaz 53:18-24 Aug '69

(Lt)Gen (Harry W. O.) Kinnard analyzes Army air mobility. Interview. illus Data 14:26-28 Oct '69

Manufactured civil engineer end items. Maj Herbert G. Campbell. illus AF Civil Engr 10:24-25 Nov '69

New TAC mobility planned--post-SEA basing outlined. AF Times 30:3 Nov 5 '69

Planning and exploitation. Maj Gary E. Todd. illus MarCor Gaz 53:18-26 Dec '69

1700 (AF personnel) complete 'Coronet Bare.' AF Times 30:19 Nov 12 '69

TAC remolds squadron as basic fighting unit. Interview. Gen William W. Momyer. chart Armed Forces Mgt 15:34-37 Feb '69

Tactical airmobility is the answer. Col Robert S. Kellar. illus USA Avn Dig 15:2-8 Jul '69

Wright-Pat(terson Aeronautical Systems) Division to test air mobility. AF Times 30:36 Sep 17 '69

AIR NATIONAL GUARD see National Guard--Air Force

AIR NAVIGATION see Navigation, Air

AIR POLICE see Military Police

AIR POLLUTION

Anti-pollution legislation (Air Quality Act of 1967) inadequately funded. D. P. Neery. Data 14:18 Sep '69

Army Environmental Hygiene Agency: Its unique job--combatting hidden health hazards. Lt Robert W. Englehardt. illus Army Dig 24:18-23 Oct '69

Navy antipollution program. CDR Joseph A. D'Emidio. illus tabs Mil Engr 61:25-27 Jan-Feb '69

Pollution--we do our part. CDR C. L. Bekkedahl. illus US Nav Inst Proc 95:40-45 Dec '69

AIR POWER see Aerospace Power

AIR RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

Air Reserve Personnel Center. illus AF & Space Dig 52:177-179 Sep '69

AIR ROUTES see Airways

AIR-SEA RESCUE see Search and Rescue

AIR SHOWS see Aviation--Exhibitions

AIR STAFF

Civilian leaders click--fine rapport with Air Staff. Ed Gates. AF Times 30:1+ Dec 3 '69

Gen John C. Meyer--one of USAF's top fighter aces--takes over as Vice Chief of Staff of the U. S. Air Force. illus AF & Space Dig 52:44-45 Aug '69

Gen John D. Ryan: New Chief of Staff takes over. Claude Witze. illus AF & Space Dig 52:42-45 Aug '69

Guidance from the new Chief. (Remarks, Air Staff Orientation, the Pentagon, July 20, 1969) Gen John D. Ryan. AF Ploy Ltr for Comdrs: Sup No. 9:2-5 Sep '69

The information explosion--can the Air Staff handle it? LtCol Lewis M. Jamison. illus AU Rev 20:83-88 Mar-Apr '69

New Chief of Staff (Gen John D. Ryan). Air Reservist 21:2 Jul '69

(Photocharts showing structure of the Office of the Secy of the AF, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands and USAF's separate operating agencies as of Aug 1, 1969) AF & Space Dig 52:90-96 Sep '69

Quarterbacking the Air Force team. Interview. John D. Ryan. Airman 13:10-15 Sep '69

Some reflections on a tour of duty. Gen J. P. McConnell. AU Rev 20:2-11 Sep-Oct '69

USAF C/S Ryan. Armed Forces Mgt 16:101 Oct '69

USAF Chief of Staff-designate (Gen John D. Ryan). Natl Guardsman 22:9 Jul '69

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Air Force Deputy Chief of Staff Research and Development. Chart only. Data 14: inside front cover Sep '69

The Air Staff role of the Surgeon General's Office. TIG Brief 21:2-4 Jan 31 '69

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Assistant Chief of Staff, Intelligence (AFNIN). TIG Brief 21:2-3 Jan 17 '69

Assistant Comptroller of the Air Force for Accounting and Finance. TIG Brief 21:2-4 May 9 '69

Assistant Deputy Chief of Staff/Personnel for Military Personnel. TIG Brief 21:2-3 Jul 3 '69

Assistant for General Officer Matters. TIG Brief 21:4 Jul 3 '69

Assistant for Inquiries and Complaints (AFIIC), the Inspector General. TIG Brief 21:2-3 Aug 29 '69

Assistant for Logistics Planning (AFSLP). TIG Brief 21:2-3 Jul 18 '69

The Assistant for Weather (AFOWX). TIG Brief 21:2-3 Apr 25 '69

Deputy Chief of Staff for Research and Development. TIG Brief 21:2-3 Sep 26 '69

Director of Personnel Planning (AFDPD). TIG Brief 21:2-3 May 23 '69

Directorate of Aerospace Programs (AFOAP). TIG Brief 21:2-3 Feb 14 '69

Directorate of Civil Engineering (AFOCE). TIG Brief 21:2-4 Apr 11 '69

Directorate of Civilian Personnel. TIG Brief 21:2-3 Jun 6 '69

Directorate of Command Control and Communications (AFOCC). TIG Brief 21:2-4 Mar 14 '69

Directorate of Development (AFRDD). TIG Brief 21:2-5 Aug 15 '69

Directorate of Management Analysis (AFAMA). TIG Brief 21:2-3 Feb 28 '69

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Directorate of Reconnaissance and Electronic Warfare (AFRDR). TIG Brief 21:2-3 Aug 1 '69

Directorate of Security Police (AFISP). TIG Brief 21:2-4 Sep 12 '69

Directorate of Supply and Services (AFSSS). TIG Brief 21:2-3 Oct 10 '69

Directorate, Women in the Air Force. TIG Brief 21:2-3 Jun 20 '69

AIR STRATEGY see Strategy, Air

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Growth of U.S. supplemental air carriers. illus tab Interavia 24:368-369 Apr '69

Yugoslavia

JAT: Yugoslav airlines. A. J. Lucking. illus maps tabs Flt Intl 95:168-171 Jan 30 '69

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The Beechcraft 99 for regional traffic. illus tab Interavia 23:1552-1553 Dec '68

McAlpine Aviation diversifies. Flt Intl 95:54 Jan 9 '69

Short-haul air transportation in 1985. illus tabs Interavia 24:157-158 Feb '69

Third-level service, American style. (Viking Airways) David Wooley. illus Flt Intl 95:823-824 May 22 '69

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AFOQT (AF Officer Qualifying Test) scoring changed. AF Times 30:5 Nov 5 '69

Chances for commissioning cut in AECF, up in Boot-strap. George Foster. AF Times 30:4 Nov 26 '69

436 spaces scheduled for AECF next year. tab AF Times 29:4 Apr 2 '69

OTS civilian entries limited--only flying trainees. AF Times 30:10 Sep 3 '69

102 men selected for AECF. AF Times 29:11 May 7 '69

ROTC commissioning studied for AECPers. George Foster. AF Times 30:8 Dec 31 '69

Shift of college slots benefits careerists. George Foster. AF Times 30:13 Dec 3 '69

Some selectees for AECF must get out and re-up. AF Times 29:3 Jun 18 '69

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APR points: Old, new balanced. AF Times 29:13 Jan 22 '69

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Points: Some for everyone. AF Times 29:13 Jun 11 '69

Rules tightened--APR, OER appeals hit. Bruce Callander. AF Times 29:1+ May 14 '69

AIRMEN

AFA honors USAF's Outstanding Airmen. AF & Space Dig 52:99 May '69

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Airman skill changes set--many fields affected. Bruce Callander. AF Times 29:1+ Mar 5 '69

All point ties to win stripe--Q and A on promotion plan. AF Times 29:3 Mar 26 '69

Among (AFA's) Airmen Council proposals--solution offered on EM insignia (broadening super-grade jobs, and opening route to direct commissions for NCOs). AF Times 30:5 Aug 27 '69

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Bases to get hike guides--test study manual (for WAPS testing). Bruce Callander. AF Times 29:1+ Jun 4 '69

Best of best: Airmen of Year. pors AF Times 29:38 Mar 12 '69

Better choice of bases weighed. Bruce Callander. AF Times 29:1+ Jan 8 '69

Board to pick 12 top EM (to be honored at the next AF Assoc convention). AF Times 30:4 Oct 1 '69

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Bonanza for EM--28, 106 win July hike. Bruce Callander. AF Times 29:1+ Jun 25 '69

Complete left bundle branch block in asymptomatic airmen. Charles M. Brake. Aerosp Med 40: 781-782 Jul '69

ECI (Extension Course Institute) to ship texts for hike test study. AF Times 29:5 Jun 18 '69

EM early-out clarified--60-day rollback. AF Times 30:1+ Oct 29 '69

EM get clothing savings. Len Famiglietti. tabs AF Times 29:1+ Jun 18 '69

EM hike board future dims. Bruce Callander. AF Times 29:1+ Mar 19 '69

EM hike boards may go. Bruce Callander. AF Times 29:1+ Jan 29 '69

EM hike outlook brightens--many selectees leave Service. AF Times 30:3 Sep 10 '69

EM quotas: A new twist (in Weighted Airmen Promotion System (WAPS)). Bruce Callander. AF Times 30:13 Aug 13 '69

EM: Scan hike folder--promotion could hinge on record certifications. Bruce Callander. AF Times 29:1+ May 21 '69

Effective airman promotion management. TIG Brief 21:5 Dec 5 '69

Enlisted promotion outlook brightens. Bruce Callander. AF Times 30:10 Dec 10 '69

Experience identifier--airmen get job codes. Bruce Callander. tabs AF Times 29:1+ Jul 2 '69

Field gets reminder about mini-medals. AF Times 29:6 Feb 5 '69

Hopes for early outs dashed. AF Times 29:1+ Jul 2 '69

How (early release plans) cutback affects airmen--FY-71 men not included. AF Times 30:4 Oct 8 '69

How point formula was squeezed out--impact of previous boards. AF Times 29:13 Mar 5 '69

How to win the base-of-choice race. Bruce Callander. AF Times 29:13 Jan 22 '69

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Lost-record gambit dead (for promotion under WAPS). AF Times 29:10 Jul 30 '69

Many changes set for airmen (career) fields. Bruce Callander. AF Times 30:1+ Sep 24 '69

Many get chance to shift skill. Len Famiglietti. AF Times 29:1+ Feb 19 '69

Mistakes endanger enlisted flight pay. AF Times 29:3 May 14 '69

Most to get 'automatic' promotion. tab AF Times 30:4 Dec 17 '69

NCOs prepare hike queries: PFEs coming up. Bruce Callander. AF Times 29:3 Feb 19 '69

No-no list expanded under WAPS. AF Times 30:4 Dec 17 '69

Points: Some for everyone. AF Times 29:13 Jun 11 '69

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Prep classes for hike tests (under WAPS) taboo (according to AFR 205-13). AF Times 30:9 Sep 17 '69

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Quarter of EM tends planes. Bruce Callander.
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Release policies tighten. AF Times 29:5 Jun 4 '69

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SEA return faces 6400 EM in 20 ladders. Bruce Callander. AF Times 29:1+ Feb 26 '69

SEA volunteers (airmen who volunteer for special programs) must serve year. AF Times 30:54 Sep 24 '69

Scorecard of points (under WAPS). AF Times 29:10 Jul 30 '69

Short-tour returnees to go early. Bruce Callander. AF Times 29:1+ May 7 '69

Some selectees for AECF (Airman Education and Commissioning Program) must get out and re-up. AF Times 29:3 Jun 18 '69

Stripes can be held up for men under cloud. AF Times 30:5 Dec 17 '69

Stripes cycles shifted (in (WAPS)). Bruce Callander. tab AF Times 30:1+ Dec 17 '69

Tax break expected for low-ranking EM. Bob Horowitz. AF Times 29:1+ Jul 16 '69

Teams prepare 20 skill tests for September (1969) cycles. AF Times 30:15 Aug 13 '69

Test cramming (for WAPS): Striking a balance. Bruce Callander. AF Times 30:13 Dec 10 '69

Test guards toughened; WAPS (Weighted Airman Promotion System) near. AF Times 29:4 May 28 '69

Trial boards had little impact--(test of WAPS in Alaskan Air Command). AF Times 29:10 Jul 30 '69

25,245 add stripes with January quotas. AF Times 30:3 Dec 24 '69

24 (airmen) getting out tell off the system (in Air University discussion project tied to Top Three Program). AF Times 29:4 Jun 18 '69

Value of tests questioned: Point-plan factor. Bruce Callander. AF Times 29:13 Feb 12 '69

WAPS proves hard to 'beat'--computers to grade tests. AF Times 30:14 Nov 26 '69

WAPS (Weighted Airman Promotions Systems) rules outlined. Bruce Callander. AF Times 29:1+ Jul 30 '69

What will WAPS show? Impact of factors uncertain. AF Times 30:5 Nov 26 '69

Will (personnel strength) cuts spur EM up-or-out? Bruce Callander. AF Times 30:13 Sep 3 '69

Withdrawal of declination statement for WAPS testing. TIG Brief 21:10 Nov 21 '69

AIRMEN'S CLUBS see Servicemens Clubs

AIRPLANE TYPE

Only U.S. military airplanes are entered under type as given by the latest issue of the Department of Defense Model Designation of Military Aircraft, Rockets & Guided Missiles. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A - 1

A-1 'Spad' goes the way of Sopwith Camel. JO3 Bob Frantz. illus Navy 12:32-33 Dec '69

AIRPLANE TYPE - ContinuedA - 4

In the spirit of the game. (Takeoff aborts) illus Approach 14:8-13 Jun '69

New life for an old bird. Walter Andrews. Armed Forces J 106:13-14 Feb 8 '69

A - 6

Night warfare A-6s. Armed Forces J 106:14-15 Feb 8 '69

History

An introduction to the (Grumman A-6A) Intruder. Kurt H. Miska. illus Am Avn Hist Soc J 14:112-114 Summer '69

A - 7

A-7 update. Maj Charles McClarren. illus USAF Ftr Wpns NL No. 1:2-9+ Mar '69

AF asks Senate to restore \$374 million in A-7 (tactical fighter) funds. AF Times 30:13 Aug 20 '69

Air Force accepts first A-7D attack aircraft. AF Plcy Ltr for Comdrs: Sup No. 2:16 Feb '69

Air Force pilots go to sea in carrier tests of the A-7. (Exercise Coronet Stallion) Pictorial. Claude Witze. AF & Space Dig 52:32-35 Jan '69

Heads up in the cockpit. SMSgt J. A. George. illus Airman 13:27-29 Feb '69

Mission capability of the Corsair II (A-7). illus (Also cutaway) tabs Interavia 24:740-743 Jun '69

Recommend deletion of AF A-7D buy. Walter Andrews. Armed Forces J 106:17-18 Jul 5 '69

Rivers favors Air Force A-7 buy (over F-4). Walter Andrews. Armed Forces J 106:13 Jul 26 '69

A - 37

A singular aircraft: The A-37 in Vietnam. Pictorial. AF & Space Dig 52:49-51 Jun '69

World's littlest fighter. SSgt Jack Swift. illus Airman 13:40-44 Aug '69

AC - 47

An aggressive Gooney Bird and the man behind it. Eloise Engle. illus Data 14:20-21 Jan '69

AC - 119

AC-119s evaluated as 'very reliable.' AF Times 29:15 Apr 16 '69

Navigating the AC-119G. Maj Robert J. Allen. illus Navigator 17:6-7 Fall '69

'Shadow' (AC-119 gunship) comes to Tuy Hoa (AB). AF Times 30:16 Oct 8 '69

B - 1See also

Advanced Manned Strategic Aircraft

AMSA (B-1) gets moving. AF Times 30:19 Nov 19 '69

AMSA bomber (B-1) design launched. Margaret Berkowitz. Armed Forces J 107:18 Nov 8 '69

(The AMSA has now been designated B-1A) Flying Rev Intl 25:13 Jul '69

F-15 and AMSA. Armed Forces J 106:14-15 May 10 '69

B-1 - Cont'd

SCAD (Subsonic Cruise Armed Decoy) competition.
Armed Forces J 107:22 Oct 18 '69

B-17

Santa Maria diary. (Flying Fortresses in "The 1000
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Hist Soc J 14:178-182 Fall '69

History

Japan's little fleet of big American bombers:
Japanese-built B-17s in World War II. Maj
Robert C. Mikesch. illus AF & Space Dig 52:
81-85+ Aug '69

B-24

B-24 comes home. (WW II Liberator given by Indian
Air Force to Tucson, Ariz, Air Museum) illus
AF Times 29:7 May 28 '69

Return of a gallant lady (gift to Tucson Air Museum
from Indian Air Force). Capt Donald G. Chaplain.
illus Airman 13:24-28 Oct '69

Tired old Liberator (B-24) back home in Tucson (Air
Museum) after hop from India. illus Officer 45:19
Jul '69

B-26

B-26 tests offer data on future craft. AF Times 29:30
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Ingot to scrap pile--full cycle (of a B-26-B50
Maurader during WW II). LtCol J. K. Havener.
illus Aerosp Hist 16:41-43+ Summer '69

B-50

Flight of the Lucky Lady II. James N. Eastman, Jr.
illus map Aerosp Hist 16:9-11+ Winter '69

'Lucky Lady II' pilot marks 20th year of globe-
circling flight. illus AF Times 29:35 Mar 19 '69

B-52

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Berkowitz. Armed Forces J 107:18 Nov 8 '69

Arclight (B-52 strike)--the tactical sledge-hammer.
Capt Harry H. McWilliams II. illus Armor
78:35-37 Sep-Oct '69

B-52 feared most of Allied weapons. illus MSgt
Harvey H. Inouye. illus AF Times 29:14 Jun 18 '69

Bail out B-52. LtCol R. T. Howard. illus tabs Combat
Crew 20:4-9 Feb '69

Formation flying for B-52 pilots. Stephen Starch.
illus Combat Crew 20:4-7 Jun '69

(Four engines out): "Ever made a four-engine no-flap
landing in a B-52?" illus Combat Crew 20:16-19
Jul '69

Report (on B-52 operations) from U-Tapao (Thailand).
illus Combat Crew 20:25-27+ Aug '69

SCAD (Subsonic Cruise Armed Decoy) competition.
Armed Forces J 107:22 Oct 18 '69

Starter problems and fixes. Maj Ray Rittenhouse.
illus Aerosp Maint Safety 24:6-7 Oct '69

Sweat and no sweat. (Assembly and loading of bombs
on B-52's in SEA). Capt Robert P. Everett and Maj
Robert Chubbuck. illus Airman 13:56-61 Nov '69

B-57

Canberra's fine record in Vietnam. (No. 2 jet bomber
Sq R. A. A. F., Phan Rang) FltLt Peter Wilms.
illus Royal Air Forces Qtr 9:139-141 Summer '69

Phan Rang (8th Tactical Bombardment) Sq marks
52d birthday. AF Times 29:El Jul 2 '69

B-58

One of those days. Maj G. A. Dugard. illus Combat
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B-70

See XB-70

Bird Dog

See O-1

Buckeye

See T-2

C-5

AF gets "unfixed" C-5A. Armed Forces J 107:10
Dec 20 '69

Another Berlin airlift? What it would be like today.
James R. Hargrave. tab map illus NATO's Fifteen
Nations 14:52-54+ Apr-May '69

C-5 engine sampling: 1 in 3. AF Times 30:32
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The C-5 inertial doppler navigation system. Lloyd
Balsam. illus MAC Flyer 16:18-19 Feb '69

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C-5A contract is being renegotiated. Armed Forces J
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C-5A: Remote presence. (Probable cut in FY '70
funding) Armed Forces J 107:11 Sep 13 '69

C-5A termed link to pullout (from Europe and other
foreign sites)--anti-military defeat. AF Times
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A challenger to the C-5A (cargo version of Boeing
747). tab Armed Forces J 106:19 Jun 14 '69

Cost critic's (A. Ernest Fitzgerald) ouster question-
ed--(Robert C.) Seamans remains firm (in
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52% overrun, but C-5 to move ahead: Seamans (re-
ports). tab Armed Forces J 106:21 Aug 2 '69

'Galaxie Nine' arrives (at Altus AFB, Okla) through
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A hard look at the U.S. technological posture.
(Views of Gen James Ferguson) illus AF & Space
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The inflated case of the C-5A. illus Armed Forces
Mgt 15:58-59 Jul '69

Kelly (AFB, Tex) getting set for big C-5 role.
AF Times 30:32 Oct 8 '69

Lessons of the C-5 program. (Seamans reports on
findings of C-5 Review Council at Pentagon press
conference) Edgar E. Ulsamer. illus AF & Space
Dig 52:51-55 Sep '69

MAC sets records for air time, (flight) safety.
AF Times 30:6 Oct 15 '69

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MOL costs; C-5A schedule (details provided Congress by AF officials), Armed Forces J 107:10-11 Nov 1 '69

Men to make the giant great, MSgt Ken Allen, illus Airman 13:62-64 Mar '69

Military Airlift Command--status of airlift, illus Def Trans J 25:69-72 Sep-Oct '69

Modern combat airlift, Gen Howell M. Estes, Jr, illus AU Rev 20:12-25 Sep-Oct '69

Movie on C-5 available (from AF film libraries), AF Times 30:36 Nov 19 '69

On the matter of A. E. Fitzgerald, Editorial, Michael Getler, Armed Forces Mgt 16:15 Dec '69

Senate group okays C-5, missile money, AF Times 29:5 Jul 16 '69

Senate OKs 23 more C-5As, Bruce Cossaboom, Armed Forces J 107:10+ Sep 20 '69

Senators urge cuts in C-5A and AMSA, AF Times 30:19 Aug 27 '69

Stennis (warns Senate): Don't 'kill' C-5A, Armed Forces J 107:10 Sep 6 '69

Such a nimble giant (C-5 Galaxy), Edgar E. Ulsamer, illus AF & Space Dig 52:79-80 Apr '69

The superjets: Can they be spared for Paris (Air Show)? Edgar E. Ulsamer, illus Aerosp Intl 5: 55-56 May-Jun '69

21,000 test hours put on C-5 engines, AF Times 30:36 Oct 22 '69

'University of MAC' awaits Galaxy giant, AF Times 30:47 Dec 24 '69

Costs

AF blasts paper (Washington Post) for C-5 charges, AF Times 29:4 Jun 18 '69

C-5 a victim of inflation, LtGen Ira C. Eaker, Ret, AF Times 29:13 May 28 '69

C-5 cost data and operational requirement, AF Plcy Ltr for Comdrs: Sup No. 2:30-31 Feb '69

C-5 cost probe: Overreaction? Bruce Callander, AF Times 29:13 May 28 '69

C-5A: A new escalation, Walter Andrews, Armed Forces J 106:14-15 Apr 26 '69

C-5A controversy continues to boil, AF Times 29:3 May 14 '69

The C-5A cost controversy, LtGen Ira C. Eaker, Ret, Data 14:18-19 Jun '69

C-5A hearings run over, Armed Forces J 106:11 May 31 '69

C-5A overrun, Col Robert L. Johnston, Ret, Ordnance 54:4+ Jul-Aug '69

A challenger to the C-5A (cargo version of Boeing 747), tab Armed Forces J 106:19 Jun 14 '69

Lockheed answers C-5 programme criticisms, (Why the cost overruns?) illus Interavia 24:1034-1035 Aug '69

Lockheed may cut losses on C-5A, Armed Forces J 107:35+ Nov 22 '69

AIRPLANE TYPE - ContinuedC-5 - Cont'dCosts - Cont'd

The missing base-line: DOD investigation of C-5A cost overruns, Armed Forces J 106:14 May 10 '69

New repricing formula (Cost Plus Incentive Fee (CPIF)), Armed Forces J 106:14-15 Mar 22 '69

No profit on Galaxy, Armed Forces Mgt 15:17 Apr '69

Progress of the C-5A, Col Robert L. Johnston, Ret, Ordnance 53:446+ Mar-Apr '69

Third C-5A probe, Armed Forces J 106:9 May 24 '69

Maintenance and Repair

Meet MADAR (Maintenance Analysis Detection And Recorder), illus Aerosp Maint Safety 24:1-3 Feb '69

Maintenance and Repair--Study and Teaching

The big bird is here, illus Aerosp Maint Safety 24:1-5 Oct '69

C-5 training plans move ahead, Ed Gates, illus AF Times 29:13 Jul 2 '69

Statistics

Supply and demand, (Army has advised Congress of its specific needs for the C-5A) Armed Forces J 107:30 Sep 20 '69

Study and Teaching

The big bird is here, illus Aerosp Maint Safety 24:1-5 Oct '69

C-5 training plans move ahead, Ed Gates, illus AF Times 29:13 Jul 2 '69

Sheppard set to begin Type II Galaxy training, AF Times 29:48 Apr 2 '69

'University of MAC' awaits Galaxy giant, AF Times 30:47 Dec 24 '69

Testing

C-5A wing-fix fails, Armed Forces J 107:8 Oct 4 '69

Man (CMSgt Richard P. Morgan) behind the panel, (C-5 flight engineering systems test) A1C James Willwerth, illus Airman 13:12-14 Jun '69

C-7

Awkward angel (C-7 Caribou) of Vietnam airlift, MSgt R. Grove Fisher, illus AF Times 30:15 Sep 3 '69

Maintenance and Repair

Down but not out (C-7A repair), J. M. Hulme, illus Airman 13:52-53 Oct '69

C-9

Brooks gets C-9 simulator, AF Times 29:42 Jan 1 '69

The C-9A joins MAC's mercy fleet, Pictorial, William Schlitz, AF & Space Dig 52:38-39 Jan '69

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Notes on the (hospital plane) Nightingale, Capt Garnett C. Brown, Jr, illus MAC Flyer 16:4-7 Feb '69

Pre-heated meals (for aeromedical patients) to get flight tests, AF Times 30:17 Aug 13 '69

C-47

Teakwood Airlines (two venerable C-47s) covers the Orient (to haul supplies, equipment and personnel in support of 355th Tactical Fighter Wg and higher headquarters' missions from Takhli RTAFB). LtCol Jim Glaze. AF Times 30:14 Aug 27 '69

History

Bloomer Girl. illus Aerosp Hist 16:27 Spring '69

Study and Teaching

If I told you once. Maj William E. Brown. Combat Crew 20:16-17 Sep '69

C-97

Clipper of the skies: The Boeing Stratocruiser. illus (Also cutaway) tabs Am Avn Hist Soc J pt 1, 14: 217-228 Winter '69

History

Clipper of the skies: The Boeing Stratocruiser. illus (Also cutaway) tabs Am Avn Hist Soc J pt 1, 14: 217-228 Winter '69

C-121

All McCoy (AFB, Fla) C-121s to carry raft kits. AF Times 30:48 Oct 15 '69

C-124

Nobody else can do it. (22d Military Airlift Sq) TSgt Sam E. Polson. illus Airman 13:48-51 Mar '69

C-130

Aerial snowmobiles (17th Tactical Airlift Sq's C-130s). CMSgt E. Martinez. illus Airman 13:42-44 Nov '69

C-130s take on glow--Tape-Lite (lighting system) tests at Pope (AFB, NC). AF Times 30:32 Oct 8 '69

'Flying cows' (Aerial Bulk Fuels Delivery System) jump over the milestone. AF Times 29:16 Feb 19 '69

Our flexible flyers (Reservists, 446th Tactical Airlift Wg, Ellington AFB, Tex). illus Air Reservist 21:10-11 Oct '69

Reservists ferry planes (C-130A's) to SEA. Maj Rowe H. Holmes. AF Times 29:51 Apr 16 '69

Structural fatigue studied--C-130, C-141 tested. AF Times 30:35 Sep 10 '69

Their business is booming. (New instant landing-zone-clearing operation, Commando Vault, Vietnam) Lt T.D. Boettcher. illus Airman 13:26-27 Sep '69

2 Reserve units (926th Tactical Airlift Gp and 934th Tactical Airlift Gp) get C-130s--will replace C-119s. AF Times 30:50 Nov 26 '69

C-141

Approach to minimums--a review (of critical factors from outer marker to touchdown). Capt Garnett C. Brown, Jr. illus MAC Flyer 16:18-21 Aug '69

(C-141 flight control malfunctions) illus MAC Flyer 16:4-7 Aug '69

C-141 flight engineers sought. AF Times 29:13 Jul 2 '69

C-141s to fly Hilo airlifts. (61st Military Airlift Wg) AF Times 29:41 Jun 25 '69

C-141 - Cont'd

The case of the spoiled spoiler. (A photographic essay on a potential problem area in the C-141) Maj Harry C. Adams. illus MAC Flyer 16:12-13 Jun '69

MAC 'panel men' spotlighted--vital to C-141 and C-5. illus AF Times 30:16 Dec 3 '69

MAC sets records for air time, (flight) safety. AF Times 30:6 Oct 15 '69

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Modern combat airlift. Gen Howell M. Estes, Jr. illus AU Rev 20:12-25 Sep-Oct '69

Program (Project Palace Panel) again seeks C-141 flight engineers. AF Times 30:7 Dec 3 '69

Quick service isn't their motto. It's their promise. (602d Military Airlift Support Sq) CMSgt E. Martinez. illus Airman 13:57-59 Dec '69

Rescue vehicle (Navy's Deep Submergence Rescue Vehicle) fits in C-141 with inch to spare. AF Times 29:32 Jun 11 '69

Staging Starlifters. Maj Edwin C. Ross. illus MAC Flyer 16:16-17 Oct '69

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Wild ride in a big bird. Capt Charles L. Pocock. Aerosp Safety 25:18-20 Oct '69

Maintenance and Repair

C-141 pressure door. C. E. Richardson. illus MAC Flyer 16:14-15 Jan '69

Statistics

Supply and demand. (Army has advised Congress of its specific needs for the C-5A) Armed Forces J 107:30 Sep 20 '69

Study and Teaching

MAC's new sidekick (Associate Unit Concept). Capt Robert P. Everett. illus Airman 13:45-47 Nov '69

Canberra

See B-57; EB-57

Caribou

See C-7

Constellation

See C-121

Corsair II

See A-7

Cougar

See F-9

Crown

See HC-130

Crusader

See F-8

Delta Dagger

See F-102

Delta Dart

See F-106

EB-57

ADC's high altitude faker. illus Interceptor 11:16-17 Feb '69

EB-57 - Cont'd

'Faker' planes set for test of radar (by 4677th Defense Systems Evaluation Sq, Hill AFB, Utah).
AF Times 30:38 Oct 15 '69

EC-121

ADC says no (AF) EC-121 shot down. AF Times 29:19 May 7 '69

The EC-121 incident. (Excerpts from the report of a special subcommittee of the Committee on Armed Services, House of Representatives)
Signal 24:34+ Dec '69

Some EC-121s to remain on patrol off Florida (at McCoy AFB). AF Times 30:14 Nov 19 '69

F-4

AN/ASG-26 Built In Test (BIT). Capt Alan W. Melvin.
tab USAF Ftr Wpns NL No. 3:28-30 Sep '69

Angels fly Phantoms. illus Flying Rev Intl 25:68-69 Jun '69

Aural alpha (tone generating system). Irv Burrows.
illus Aerosp Safety 25:21-23 Oct '69

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F-12

See YF-12

F-14

See ZF-14

F-15

See ZF-15

F-84

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See ZF-15

Flying Boxcar

See AC-119

Freedom Fighter

See F-5

Galaxy

See C-5

Globemaster

See C-124

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Hustler

See B-58

Intruder

See A-6

Invader

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KC-97

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Cowl & nacelle strut access panel fastening (in Strato-tanker) KC-135. illus Combat Crew 20:16-19 Aug '69

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Mohawk

See OV-1

Mustang

See P-51

NF-104

Astronaut trainer (NF-104 double-sonic Starfighter at Aerospace Research Pilot School). illus Contact 23:20 Mar-Apr '69

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O-1

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O-2

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Testing

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Orion

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P-3

The never-never sea. LCDR Davidson Luehring. US Nav Inst Proc 95:142-146 Aug '69

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Panther

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Phantom II

See F-4; YF-4

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Family reunion-Starfighter-style. Col Barney Oldfield, Ret. illus NATO's Fifteen Nations 14:56-61 Oct-Nov '69

S-3

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Happiness is (Mach) 3 plus. LtCol Patrick J. Halloran. illus Tac Air Recon Dig 3:4-7 Aug '69

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Sabre

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Sabreliner

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Shooting Star

See T-33

Skyhawk

See A-4

Skyraider

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Skytrain

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Starfighter

See F-104; NF-104; RF-104

Starlifter

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Stratocruiser

See C-97

Stratofortress

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Stratotanker

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Super Sabre

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AIRPLANE TYPE - ContinuedSuperfortress

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T-2

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T-38

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T-39

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TFX

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Talon

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Thunderchief

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V-1

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V-2

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V-10

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VFX

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V SX

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Valkyrie

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Voodoo

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WB-47

Where the action is. (53d Weather Reconnaissance Sq) Ed Blair. illus Airman 13:15-18 Jan '69

WC-130

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Warning Star

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light aircraft). illus tabs Interavia 24:993 Aug '69
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172). illus Flt Intl 95:167 Jan 30 '69
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- Chilton monoplane. Bryan Philpott. illus Air Pict 31:
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AIRPLANES, LIGHT - ContinuedGreat Britain - Cont'dHistory - Cont'd

- The golden age of flying--will it ever return?
Pictorial. A. J. Jackson. Air Pict 31:130-131
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Italy

- The SIAI-Marchetti/FFA 202 Bravo--a sturdy general
purpose aircraft. illus tab Interavia 24:398-400
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- Third-level service, American style. (Viking Air-
ways) David Wooley. illus Flt Intl 95:823-824
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Maintenance and Operations Meeting, June 4-7,
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illus tab Interavia 24:282-283 Mar '69

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Am Avn Hist Soc J pt 1, 14:173-177 Fall '69;
pt 2, 14:236-239 Winter '69

Statistics

- Civil air fleet to double in 10 years--already 10 times
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See also specific categories of military air-
craft, e.g.,

- | | |
|---|--------------------|
| Airplanes, Bomber | Airplanes, Trainer |
| Airplanes, Fighter | COIN Aircraft |
| Airplanes, Reconnaissance | Targets, Aerial |
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designation under the specific type, e.g.,
Airplane Type--C-5 | |

- Combat aircraft for the seventies. John W. R. Taylor.
illus NATO's Fifteen Nations 14:130-132+
Feb-Mar '69

Accidents

See Accidents, Air; Accidents, Ground
(Aircraft)

Armament

- A-7 update. Maj Charles McClarren. illus USAF Ftr
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AIRPLANES, MILITARY - ContinuedArmament - Cont'd

- Air armament. Col Robert L. Johnston, Ret. Regular feature in issues of Ordnance
- Air defense in the jet age (1942 to the present). illus Interceptor 11:35-63 Jan '69
- Air Force Armament Laboratory--putting the weapon in the weapon system. Col Abner B. Martin, illus Def Ind Bul 5:14-16 Oct '69
- B run for SRAM. Armed Forces J 106:14-15 Feb 1 '69
- F4E CAT 3. Maj Thomas G. McInerney, illus USAF Ftr Wpns NL No. 1:30-31 Mar '69
- F-100 TER/AWRS (Triple Ejector Rack/Aircraft Weapon Release System) mod(ifications). Capt Loren D. Eastburn, illus tabs USAF Ftr Wpns NL No. 2:8-11+ Jun '69
- Ferranti inertial nav(igation)/attack system for the Harrier. illus Interavia 24:597 May '69
- Improving 20mm Pk. Maj Robert G. Dilger, tabs illus USAF Ftr Wpns NL No. 3:2-3+ Sep '69
- Lasers help fight the war (in SEA). (Boresights for aligning aircraft weapons) AF Times 29:34 Jun 25 '69
- Navy beefs up F-14. Armed Forces J 106:10-11 Jan 11 '69
- Revolutionary new fire-control systems--hit 'em where they is! J.S. Butz, Jr. illus AF & Space Dig 52:64+ Mar '69

Arresting Gear

- Arresting gear. illus tabs Approach 14:32-40 May '69
- Barrier, barrier, barrier. (With liberal plagiarism from AFR 55-42) Maj Dave Schneekloth, Interceptor 11:15 Aug '69
- A bit unusual. (Escape of F-4B pilot and RIO) illus Approach 14:30-33 Feb '69
- F-106 approach end engagement. illus Interceptor 11:24-25 Feb '69
- Living with the bends: Drag chutes are a problem for both pilots and maintainers. Maj Thomas F. Egan and George Kammerer, illus Aerosp Maint Safety 24:10-11 Dec '69
- More birds and more nets. (BAK-9 primary arresting system; MA-1 interconnect system) Maj David L. Elliott, illus Aerosp Maint Safety 24:6-9 Aug '69
- A new BAK(-13)--the latest model arresting gear. Maj David L. Elliott, tabs illus Aerosp Safety 25:9-11 Feb '69
- To help you stop (F-100 drag chute). Maj Thomas F. Egan and George Kammerer, illus Aerosp Safety 25:24-25 Sep '69
- Who wants to be arrested? Harrie D. Riley, illus Aerosp Safety 25:14-16 Dec '69

Maintenance and Repair

- A bird in the net--arresting barriers require more attention than most people realize. Maj David L. Elliott, illus Aerosp Maint Safety 24:1-4 Mar '69

Brakes

- Ballad of a (F-105) brake. Pictorial. Airman 13: 10-13 Jul '69

AIRPLANES, MILITARY - ContinuedBrakes - Cont'd

- Brakes of the voodoo (F-101) game. Capt Dwayne M. Shackleton, illus Interceptor 11:8-11 Aug '69
- Pumpkins and RCR's (Runway Condition Reading). Maj John N. Achor and Capt Usto F. E. Schulz, illus Combat Crew 20:4-7 Sep '69
- RCR (Runway Condition Readings) or SDF (Stopping Distance Factor)? Maj David L. Elliott, illus Aerosp Safety 25:12-13 Aug '69
- Stopping distance tests--plane and car join to improve safety. AF Times 30:42 Nov 19 '69

Canopies

- F-4 canopy jettison (NavAirSysCom comment). illus Approach 15:17 Sep '69

Characteristics

- "Emily" (Japanese flying-boat, Kawanishi H8K1 Type 2)--grand old lady of Japan. M. C. Richards and Maj Robert C. Mikesch, illus tabs Air Pict 31:280-284 Aug '69
- A gallery of USAF weapons: Attack planes. J.S. Butz, Jr. illus AF & Space Dig 52:198 Sep '69
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- 1968/69 U.S. military systems directory. (Lists over 3,000 major weapon and support systems, programs and equipment (except military electronic systems) including description/use and contractor/status) Tables only. Armed Forces Mgt 15:56p addendum Apr '69

- Principal French aircraft (manufacturers, types, characteristics and performance). Table only. Interavia 24:523 May '69

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- OV-10's 5-minute support response ten-fold better in AF SEA test ("Misty Bronco")--OV-10=AX? Walter Andrews, illus Armed Forces J 107:15+ Sep 6 '69

ComponentsCosts

- The improvement curve for partially common production items. W. W. Baker and Jules Silver. AF Compt 3:20-21 Apr '69

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- Gamma-ray device studied to simulate bullet penetration (at Air Force Flight Dynamics Laboratory Wright-Patterson AFB, Ohio). Def Ind Bul 5:13 Aug '69

ControlSee Flight Control SystemsCost of Operation

- C-5 cost data and operational requirement. AF Plcy Ltr for Comdrs: Sup No. 2:30-31 Feb '69

De-icingSee Airplanes, Military--Ice Prevention

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Air Force Armament Laboratory--putting the weapon in the weapon system. Col Abner B. Martin. illus Def Ind Bul 5:14-16 Oct '69

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Jet pioneers: Tupolev's epoch-marking designs. William Green. illus (Also cutaway) Flying Rev Intl 24:58-61+ Apr '69

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C-141 pressure door. C. E. Richardson. illus MAC Flyer 16:14-15 Jan '69

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AC/DC and the deuce (electrical system). Maj Lyle Darrow. Interceptor 11:18-19 Jul '69

Liquid plagues F-4s in SEA heat. AF Times 29:32 Jun 4 '69

Emergency Procedures

Don't kill the crow (the term Minimum Fuel). Aerosp Safety 25:28 Oct '69

Elevator out of order. Maj John P. Garbe. illus Aerosp Maint Safety 24:26-27 Nov '69

F-106 approach end engagement. illus Interceptor 11:24-25 Feb '69

(Four engines out): "Ever made a four-engine no-flap landing in a B-52?" illus Combat Crew 20:16-19 Jul '69

Have yourself a plan (for emergencies). LtCol Raymond L. Krasovich. illus Aerosp Safety 25:18-20 Mar '69

In case of emergency. illus Approach 15:1-5 Jul '69

Needle, ball, and ... what? Maj Kenneth W. Baisden. illus Combat Crew 20:8-11 Sep '69

Of worms & such. Interceptor 11:6-7 Jul '69

The Zilch family (helps train pilots in) emergency egress training. illus tab Aerosp Safety 25:10-13 Sep '69

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Jet Engines

Be kind to your engines. illus Combat Crew 20:8-11 Jan '69

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MRCA-75 engine competition intensifies. Armed Forces Mgt 15:39 Jul '69

They pulled 'em through. (How the Allison (V-1710) engine contributed to WW II air war) James E. Knott. illus Aerosp Hist 16:48-51 Autumn '69

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Cowl & nacelle strut access panel fastening (in Strato-tanker) KC-135. illus Combat Crew 20:16-19 Aug '69

Starter problems and fixes. Maj Ray Rittenhouse. illus Aerosp Maint Safety 24:6-7 Oct '69

AIRPLANES, MILITARY - ContinuedEngines - Cont'dTesting

Test cells--a problem area that has long needed attention. illus Aerosp Maint Safety 24:2-5 Sep '69

21,000 test hours put on C-5 engines. AF Times 30:36 Oct 22 '69

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Aural alpha (tone generating system). Irv Burrows. illus Aerosp Safety 25:21-23 Oct '69

Sixty-nine dash ten (operators manuals for all Army aircraft). Maj William H. Gardner. illus USA Avn Dig 15:21-25 May '69

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'Flight Test'--AF's proving ground (at Wright-Patterson AFB, Ohio). illus AF Times 29:33 Jun 25 '69

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Are you ready for the accident that could happen tomorrow? illus Aerosp Safety 25:17-19 Nov '69

Cleaning 'em to death. illus Aerosp Maint Safety 24:18-20 Jul '69

Fire guard. illus Aerosp Maint Safety 24:10-12 May '69

The three faces of fire. illus Aerosp Maint Safety 24:2-5 Jun '69

Study and Teaching

Go for broke. (Firefighting school at Chanute AFB, Ill) illus Aerosp Maint Safety 24:2-5 Aug '69

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Fuel gage dilemma. tabs illus MAC Flyer 16:7-9 Oct '69

Unhealthy hoses. Robert B. Shanks. illus Aerosp Maint Safety 24:6-9 Feb '69

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They won't run on fumes! LtCol Robert G. Clithero. Aerosp Safety 25:23 Dec '69

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Natural gas fuel for aircraft. LtCol Theo C. Watkins. illus tabs USA Avn Dig 15:26-29 Jul '69

Ground Support Equipment

Silver sentinels (F-106 interceptors at Elmendorf AFB, Alaska). LtCol William M. Mack. illus Interceptor 11:12-14 Jun '69

Hydraulic Systems

Lateral control problems in F-9 series aircraft. Approach 14:42-43 Feb '69

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Ice Prevention

Reckoning with ice. Paul W. J. Schumacher. illus Aerosp Safety 25:4-5 Oct '69

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A case for recognition. Maj Rezk M. Mohamed. (Reprinted from Fighter Weapons Newsletter, Mar 1968) illus USAF Ftr Wpns NL No. 1:22-27 Mar '69

The F-15: Problems and prospects. Walter Andrews. Armed Forces J 106:15+ May 31 '69

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Friend or foe? Joseph B. Fries. illus tabs Fld Artilleryman No. 44:76-82 Nov '69

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History

'They've got your number.' Charles G. Worman. illus Aerosp Hist 16:21-26 Spring '69

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Preflight Inspections

Maintenance trap. illus Aerosp Maint Safety 24:18-21 Jun '69

Scientific detectives. A1C Charles F. Henry. illus Airman 13:56-57 Oct '69

Ultrasound. (Ultrasonic inspection techniques) illus Aerosp Maint Safety 24:10-13 Mar '69

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See Aeronautical Instruments

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Red rocket. (Rocket interceptor in the Soviet Union during 1942) William Green. illus Flying Rev Intl 25:79-81 Jun '69

Landing and TakeoffSee also

Automatic Landing Systems

Catapults

Ground-Controlled Approach

Hydroplaning

Aboard the U. S. carrier "Forrestal." Brian M. Service. illus Air Pict 31:72-77 Mar '69

Approach to minimums--a review (of critical factors from outer marker to touchdown). Capt Garnett C. Brown, Jr. illus MAC Flyer 16:18-21 Aug '69

Are you planning to abort your takeoff? illus tab Approach 14:1-6 Apr '69

The Army's W-STOL (W for wire guided, 1945). Bill Herman. illus USA Avn Dig 15:32-34 Jun '69

A bit unusual. (Escape of F-4B pilot and RIO) illus Approach 14:30-33 Feb '69

Brakes of the voodoo (F-101) game. Capt Dwayne M. Shackleton. illus Interceptor 11:8-11 Aug '69

AIRPLANES, MILITARY - ContinuedLanding and Takeoff - Cont'd

Cross winds and wind shear--watch those surface winds! LtCol James H. Aikman. (Reprinted from Interceptor, Special Issue, Dec 1963) illus Interceptor 11:20-23 Sep '69

F-106 approach end engagement. illus Interceptor 11:24-25 Feb '69

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For flight safety. Maj A. Lavrenchenko. Soviet Mil Rev No. 7:34-35 Jul '69

Hard field landings--a review of FY 69 major hard landing accidents. illus Approach 15:1-8 Aug '69

Have yourself a plan (for emergencies). LtCol Raymond L. Krasovich. illus Aerosp Safety 25:18-20 Mar '69

History of ILS. MSgt Bobbie L. Mashburn. Interceptor 11:13 May '69

How to get down without really trying. John L. Loeb. illus Data 14:34-37 Jun '69

If I told you once. Maj William E. Brown. Combat Crew 20:16-17 Sep '69

In the spirit of the game. (Takeoff aborts) illus Approach 14:8-13 Jun '69

Incident at CCK. (Inflight emergency experience of test pilot LtCol R. M. Loeffler at Ching Chuan Kang AB) Maj Chung-huan Fang. (Trans from a Chinese publication) Aerosp Safety 25:16-17 Aug '69

The last half mile--wake turbulence. illus Aerosp Safety 25:16-17 Sep '69

Let's take the dings out of landings. illus Aerosp Safety 25:16-17 Jul '69

Low visibility landings. (IPIS experiences) LtCol Edwin W. Johnson and others. illus Aerosp Safety 25:2-7 Nov '69

Mishap with a moral. illus MAC Flyer 16:22-24 Oct '69

Needle, ball, and ... what? Maj Kenneth W. Baisden. illus Combat Crew 20:8-11 Sep '69

Penetration & approach--the whole crew's business! Maj Forrest H. Burleson. illus Combat Crew 20:8-9 Nov '69

Pumpkins and RCR's (Runway Condition Reading). Maj John N. Achor and Capt Usto F. E. Schulz. illus Combat Crew 20:4-7 Sep '69

RCR (Runway Condition Readings) or SDF (Stopping Distance Factor)? Maj David L. Elliott. illus Aerosp Safety 25:12-13 Aug '69

Scanning beam landing systems for VTOL aircraft. Frederick B. Pogust. illus (Also cutaway) Signal 23:22-24+ Feb '69

The short stroke (Canadian Force S-2 Tracker fails launch from a carrier). illus Approach 15:16-18 Oct '69

Stopping distance tests--plane and car join to improve safety. AF Times 30:42 Nov 19 '69

T-33 directional control. Interceptor 11:11 Jul '69

TERPS (TERminal Instrument Procedures) is here to stay. tabs Approach 14:20-21 Mar '69

AIRPLANES, MILITARY - ContinuedLanding and Takeoff - Cont'd

That was the winter that was--make RCR (Runway Condition Reading) work for you. illus tab Aerosp Safety 25:1-5 Dec '69

Turboprops are quick! Glen Gray and others. (Reprinted from TAC Attack, Aug 1969) illus MAC Flyer 16:12-15 Dec '69

What did he (the tower controller) say? LtCol James A. Whitener. Aerosp Safety 25:25 Oct '69

The "X" (wind shear and effects on landings) in WX. Maj Gale L. Haskins. illus MAC Flyer 16:20-23 Apr '69; Adaptation. Aerosp Safety 25:6-9 Apr '69

Landing Gear

Cushion lander (Air Cushion Landing System (ACLS)) tested. illus AF Times 30:28 Sep 10 '69

Launching

See Catapults

Lighting

C-130s take on glow--Tape-Lite (lighting system) tests at Pope (AFB, NC). AF Times 30:32 Oct 8 '69

History

Out of the darkness: Pioneer (Capt Donald L. Bruner, who developed and perfected night-flying equipment). Cols Eldon W. Downs and Albert P. Sights, Jr, Ret. illus Aerosp Hist 16:16-17+ Autumn '69

Loading and Unloading

Dangerous cargo vs the loadmaster & aircraft commander. illus MAC Flyer 16:24-27 Nov '69

Interface and airlift costs. (Excerpts from remarks, DOD Contract Management Conference, Dallas, Sep 30, 1968) Gen Howell M. Estes, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:18 Jan '69

Ordnance pre-load set up--handling reduced 33%. AF Times 29:15 Apr 16 '69

Sweat and no sweat. (Assembly and loading of bombs on B-52's in SEA). Capt Robert P. Everett and Maj Robert Chubbuck. illus Airman 13:56-61 Nov '69

Maintenance and Repair

See Aircraft Maintenance and subdivision Maintenance and Repair under specific Airplane Types

Manufacture

See Aircraft Industry and Trade

Markings

See Airplanes, Military--Insignia

Materials

The Hall-Aluminum (Aircraft Corp) story. Walter Boyne. illus Flying Rev Intl 24:58-62 Jan '69

Honeycomb. illus Aerosp Maint Safety 24:17-18 Feb '69

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ADC's high altitude faker (EB-57D). illus Interceptor 11:16-17 Feb '69

Air Force studying less expensive F-111. Walter Andrews. Armed Forces J 106:24-25 Jun 28 '69

F-100 TER/AWRS (Triple Ejector Rack/Aircraft Weapon Release System) modifications. Capt Loren D. Eastburn. illus tabs USAF Ftr Wpns NL No. 2:8-11+ Jun '69

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'Faker' planes set for test of radar (by 4677th Defense Systems Evaluation Sq, Hill AFB, Utah). AF Times 30:38 Oct 15 '69

Navy tanker aircraft (KA-6) gets go-ahead. Armed Forces J 106:14-15 Jan 18 '69

Turboprop power extends the Swiss C-36 family. William Green and Werner Gysin. illus Flying Rev Intl 24:52-55 Feb '69

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Bloomer Girl. illus Aerosp Hist 16:27 Spring '69

Mothbailing

See Airplanes, Military--Storage

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The Fiat G. 91Y weapons system. illus tab Interavia 24:1525-1527 Sep '69

Flight characteristics of the F-100. Capt Bruce L. Brown. illus USAF Ftr Wpns NL No. 4:1-6 Dec '68

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Principal French aircraft (manufacturers, types, characteristics and performance). Table only. Interavia 24:523 May '69

Piloting

Be kind to your engines. illus Combat Crew 20:8-11 Jan '69

Come on guys, let's help! Maj Harry L. Wood. illus Combat Crew 20:4-7 Dec '69

Do you understand (the fundamentals of your aircraft and its operational environment)? WO1 Wayne K. Roberts. USA Avn Dig 15:27-29 Mar '69

F-8 spin recovery technique. illus Approach 15:7 Oct '69

First- and second-speed flights. LtGen V. Lutsky and LtCol Y. Galashev. Soviet Mil Rev No. 11:28-30 Nov '69

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Inverted spin on the L-29. Col A. Nikolayev and Maj A. Krylov. Soviet Mil Rev No. 9:28-29+ Sep '69

Moment of truth. illus Combat Crew 20:8-10 Dec '69

One of those days. Maj G. A. Dugard. illus Combat Crew 20:4-7 Nov '69

Rendezvous revisited. Maj Clarence T. Smith. illus Navigator 16:35-37 Spring '69

Sixty-nine dash ten (operators manuals for all Army aircraft). Maj William H. Gardner. illus USA Avn Dig 15:21-25 May '69

So you're going to fly the T-39! Maj Howard Solomon. illus Combat Crew 20:11-13 Jun '69

That was the winter that was--make RCR (Runway Condition Reading) work for you. illus tab Aerosp Safety 25:1-5 Dec '69

Power Plants

See also

Airplanes, Military--Engines

AIRPLANES, MILITARY - ContinuedPropellers

Turboprops are quick! Glen Gray and others.
(Reprinted from TAC Attack, Aug 1969) illus
MAC Flyer 16:12-15 Dec '69

Protection

Aircraft shelters (Hardened Shelter Program) in
Vietnam (erected by RED HORSE Sqs). Capt Paul
Y. Thompson. illus Mil Engr 61:273-274
Jul-Aug '69

Passive defenses for air bases. Capt Robert M.
Gogal. illus Mil Engr 61:416-417 Nov-Dec '69

Protection of aircraft (on the flightline). TIG Brief
21:1 Jun 20 '69

Protective aircraft shelter. Maj Herbert G. Campbell.
illus AF Civil Engr 10:2-5 May '69

Revetments for aircraft protection. James R. Powers.
illus Mil Engr 61:36-37 Jan-Feb '69

Shelter construction for aircraft (in Vietnam)
continues. SSgt Bob Brown. illus AF Times 29:14
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TAC Bare Base (rapid deployment of a complete base)
shelter program. 1stLt Frank A. Norcross, Jr.
illus AF Civil Engr 10:30-31 May '69

Recognition

See Airplanes, Military--Identification

USAFE bolsters protection--individual aircraft
shelters (system called TABV (Theater Air Base
Vulnerability), and is converting its interceptor
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changes). AF Times 30:36 Oct 29 '69

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F-4 refueling. LtCol Louis G. Creveling. illus
Aerosp Maint Safety 24:21 Dec '69

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Glines. illus tab Armed Forces Mgt 15:44-46
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Restoration

Battle of Britain--the film. J. D. R. Rawlings. illus
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Colonel Culpeper's (Confederate) Air Force (Rebel
Field, Harlingen, Tex). John F. Davies. illus
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Safety Measures

See also

Flying Safety

Aircraft hurricane evacuation plan. TIG Brief
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Are you ready for the accident that could happen
tomorrow? illus Aerosp Safety 25:17-19 Nov '69

Current (electrical) events. Maj Warren C. Hoflich,
Jr and Lt M. H. Dixson. illus Approach 14:40-43
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Flight surgeons told to report aircraft hazards.
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Low voltage can be lethal. MSgt Bobbie L. Mashburn.
Interceptor 11:22-23 Feb '69

1...2...3...5...five??? (Checklist items in aircraft
operation) illus Aerosp Safety 25:8-10 Aug '69

Safety for combat readiness. Col Russell P. Bonasso
and others. (Adapted from USABAAR (U.S. Army
Board for Aviation Accident Research) presenta-
tion made to the Command and General Staff
College and Army War College) illus tabs USA Avn
Dig pt 1, 15:36-46 Jul '69; pt 2, Aircraft capabil-
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Stopping distance tests--plane and car join to improve
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Sweat and no sweat. (Assembly and loading of bombs
on B-52's in SEA). Capt Robert P. Everett and Maj
Robert Chubbuck. illus Airman 13:56-61 Nov '69

Swedish safety record. Flt Intl 95:268-269 Feb 13 '69

We can't afford accidents at \$1,200,000 a day!
(Adaptation of address, Worldwide Materiel Con-
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A reluctant concurrence. (Continuing Army occupancy of the JCS Chairmanship and dominance of most of the top military policy positions in DOD) Bruce Cossaboom. Armed Forces J 106:7-8 May 10 '69

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Stop MIRV movement probably would fail. Bruce Cossaboom. Armed Forces J 106:9-10 Jun 14 '69

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Air War College
Airman Education and Commissioning Program
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Extension Course Institute

Flight Training

Inter-American Air Forces Academy

Missile Training

Officer Training School

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Army Air Defense School
Army Aviation Centers and Schools
Command and General Staff College
Infantry Centers and Schools
Management Centers and Schools
Military Academy, West Point, NY
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also subdivision under specific subjects, e.g.,
Airplanes--Fires and Fire Prevention
Airplanes, Military--Fires and Fire Prevention
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Ships--Fires and Fire Prevention
Space Vehicles--Fires and Fire Prevention

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illus USA Avn Dig 15:6-9 Feb '69

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Fleet communications are unique. RADM Francis J.
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Rally 'round the flag. Philip R. Smith, Jr. illus
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Capt Clark D. Hein. illus USA Avn Dig 15:7-9
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Jul 9 '69; pt 2, How annuity plan would operate.
29:13 Jul 16 '69; pt 3, Group calls for plan of
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(C-141 flight control malfunctions) illus MAC Flyer
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Elevator out of order. Maj John P. Garbe. illus
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Heads up in the (A-7D) cockpit. SMSgt J. A. George.
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Here are entered articles on services provided for
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See also related subjects, e. g.,
Weather Forecasting

The AF Notice To AirMen (NOTAM) system (to help
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Strip charts and pasties (Navigational Information BlockS (NIBS)). (Method of consolidated mission planning) Capt John B. Gordon. illus Navigator 16:10-12 Spring '69

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Nightingale. AlC James K. Willwerth. illus Airman 13:30-33 May '69

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Who is in command (of the aircraft)? Capt Jerald M. Kowieski. USA Avn Dig 15:12-13 Sep '69

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Meet MADAR (Maintenance Analysis Detection And Recorder). illus Aerosp Maint Safety 24:1-3 Feb '69

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Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records

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The flight surgeon. Maj Donald F. Miller. illus USA Avn Dig 15:16-19 Aug '69

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Pilots--Education and Training

Air Force--Great Britain

Central Flying School. Peter R. March. illus Air Pict 31:208-210 Jun '69

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(South Vietnamese military men take Stateside pilot schooling) AF Times 30:15 Oct 22 '69

War's Vietnamization progressing at bases. Capt John Matheson. AF Times 30:16 Nov 5 '69

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The big switch (to Reservists giving flight training to C-124 air crews). AlC Ron Fulkerson. illus Air Reservist 21:10-11 Mar '69

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The big switch (to Reservists giving flight training to C-124 air crews). AlC Ron Fulkerson. illus Air Reservist 21:10-11 Mar '69

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The Atlantic flight. Charles H. Hall. (Reprinted from Sea Power, June 1919) map illus Navy 12:16-19 May '69

The great Atlantic flight. (Smithsonian rebuilds the NC-4) JOC James Johnston. illus Navy 12:14-16 May '69

Little man? (Capt Charles E. Yeager, first to break the sound barrier, Oct 14, 1947) William A. Kinney. illus Airman 13:58-59 Jan '69

'Lucky Lady II' pilot marks 20th year of globe-circling flight. illus AF Times 29:35 Mar 19 '69

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FLOODS see DisastersFLUIDICS

Military fluidics. Hansjoerg Stern. illus tab Ordnance 53:412-415 Jan-Feb '69

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This heading is used for popular, nontechnical articles on the pleasures of flying.

First solo. John Michael. illus Flt Intl 95:684-685 Apr 24 '69

FLYING BELT see Belt, Aerial ThrustFLYING BOATS see SeaplanesFLYING CLUBS see Aero ClubsFLYING SAFETYSee also

Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

Acceptance test flight. illus Approach 14:8-9 Apr '69

Aerial combat maneuvers. illus Approach 14:1-7 Feb '69

All officers meeting. illus Approach 15:1-4 Dec '69

Are you planning to abort your takeoff? illus tab Approach 14:1-6 Apr '69

Atoms guide helicopters. Michael J. Clark. illus Ordnance 53:510-511 Mar-Apr '69

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Birds do fly--IFR. G. Francis Farrell. Combat Crew 20:28-30 Apr '69

Caution: (Alcohol), a hazard to flight. Capt Nathan G. Stackhouse, Jr. tab USA Avn Dig 15:32-35 Nov '69

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A frame of mind. Maj Raymond M. Ruana. Combat Crew 20:16-17 Jun '69

General quarters! tab Approach 14:1-4 Mar '69

Get home itis. illus Approach 15:30-32 Dec '69

Helicopter etiquette. illus Fld Artilleryman No. 44: 30-33 Nov '69

In the spirit of the game. (Takeoff aborts) illus Approach 14:8-13 Jun '69

Individual and flight safety mishap reporting. CDR R. J. Copin. (Adapted from USCG Flight Safety Bulletin No. 32, May 1969) Approach 15:19-21 Oct '69

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It's your choice. Capt Michael Tennery. illus
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illus MAC Flyer 16:4-9 Dec '69

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illus Approach 14:36-37 Jan '69

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PACAF sets records for flying hours, safety.
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illus Approach 14:1-6 May '69

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Safety awards (Air Training Command Flying Hour
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Turboprops are quick! Glen Gray and others.
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aircraft accidents) LtCol Lester R. Kerfoot, Jr.
USA Avn Dig 15:46-48 Apr '69

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You never fly alone. tabs Approach 15:10-12 Nov '69

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Here are entered articles on time spent in flying by
an individual pilot to maintain his proficiency rating.
For articles on record flying time for a given dis-
tance, see Aviation Records.

Annual minimums. LtCol Roger D. Byrd. tab USA
Avn Dig 15:17-19 Jun '69

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Flying hours cut by (Service-wide) economy plan.
AF Times 30:10 Sep 3 '69

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Clearing Britain's fog. Flying Rev Intl 24:16 Jan '69

Fog dispersal (Projects Cold Cowl and Cold Crystal).
Col Jacob P. Accola. illus Aerosp Safety 25:8-12
Jul '69

Hot (weather) hazards. Maj Gale L. Haskins. illus
tabs MAC Flyer 16:4-8 Jul '69

Low visibility landings. (IPIS experiences) LtCol
Edwin W. Johnson and others. illus Aerosp
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A pilot looks at visibility. (Condensed from Air Line
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Seeders busy--AWS (Air Weather Service) studies
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G. Coons. illus Aerosp Safety 25:16-17 Oct '69

Weather modification in support of military operations.
Maj Thomas A. Studer. illus AU Rev 20:44-50
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Weather to order. Maj Thomas A. Studer. illus
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FOKKER AIRCRAFT FACTORIES, NETHERLANDS see
Royal Netherlands Aircraft Factories Fokker

FOODSee also

Rations
Space Feeding

Gourmet (survival) dining in Southeast Asia. LCDR
Tal Turaidis. USA Avn Dig 15:62-63 Feb '69

Introducing newly developed foods. Ferdinand P.
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Keeping fit overseas. LtCol Robert H. Bonner.
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Costs

Exchanges deny price/pay link. Armed Forces J
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Inspection

No one talks about the Veterinary Corps. Capt Alton
Marsh. illus Army Dig 24:30-33 Jun '69

Preservation

What's new at Natick? SSgt Paul D. Richard, Jr.
illus Army Dig 24:29-31 Feb '69

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From coffee to khakis--DPSC provides U.S. troops
with food, clothing and medicines around the
world. illus tab Armed Forces J 106:26-29
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- Maintenance personnel in nationbuilding. Col Lawrence E. Van Buskirk. illus Mil Rev 49:10-17 Nov '69
- Ocean fisheries: National instrument for international stability. (Research paper, Naval War College, 1969) CAPT John T. Robinson. tab Nav War Col Rev 21:106-129 Jun '69
- The role of agriculture in developing societies. Cecil N. Smith. tabs illus Nav War Col Rev 21: 90-112 Feb '69
- Subsistence; DSA Convention Seminar. Kenneth Farrell and others. illus Review 49:58-60+ Nov-Dec '69

FOOD SERVICE

See also

In-Flight Meal Service

- Larguez le pinard. (Eating habits for various nationalities in the French Foreign Legion) Howard H. Simpson. Army 19:41-43 Dec '69

Equipment

- Convection oven gets quickie food tryout. AF Times 29:8 Jul 9 '69

Air Force

- Atmosphere abounds at the 'mountain inn' (Northern NORAD Region's subterranean cafeteria). AF Times 30:46 Sep 3 '69

- Convection oven gets quickie food tryout. AF Times 29:8 Jul 9 '69

- Convenience food test ends at (McGuire AF) Base. AF Times 29:25 May 28 '69

- 'Convenience' food tested at McGuire. AF Times 29:7 Feb 12 '69

- Dining facilities--Vietnam style. Edward R. Boyer. illus AF Civil Engr 10:8-9 May '69

- (EM) dining hall mergers proposed (by AF auditors). AF Times 29:9 Aug 6 '69

- 11 dining halls get ax in 1969; AF, DOD study more closings. Len Famiglietti. AF Times 30:2 Dec 24 '69

- Recipe for success. Capt James Johnson. illus Airman 13:25-27 Apr '69

- Study (by Comptroller General Elmer B. Staats) backs (AF) Times on dining hall use. AF Times 30:3 Dec 3 '69

- Two Pacific bases win (Hennessy) Food Trophies. Len Famiglietti. AF Times 29:1+ Apr 30 '69

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- AAFES food management. Rankin R. Boone. Review 49:31+ Sep-Oct '69
- America's largest food operation--feeding the troops. Herbert W. McCarthy. illus Def Ind Bul 5:20-23 Apr '69
- Big changes slated for feeding military. Bob Schweitz. AF Times 30:1+ Nov 5 '69
- Contract feeding plan eyed for dining halls. Bob Schweitz. AF Times 29:1+ Apr 16 '69

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- Military exchanges food service; DSA Convention Seminar. Col W. L. Cook and others. illus Review 49:35-36+ Nov-Dec '69
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Army

- Feeding the action Army. (Subsistence Preparation by Electronic Energy Diffusion--SPEED) Maj Morton Fox. illus Army Dig 23:30-33 Dec '68
- Food prices (for box and flight lunches) to rise. AF Times 30:2 Dec 24 '69
- Food service equipment for feeding military forces. Richard J. Campbell. Review 49:65-66 Sep-Oct '69

FORCE AND ENERGY

- Fuels and energy; DSA Convention Seminar. BrigGen A. A. Riemondy and others. illus Review 49:55-56+ Nov-Dec '69

FORD, Gerald R., Jr

- Merchant Marine is in a sorry state--a Congressman speaks out. Gerald R. Ford, Jr. por Armed Forces J 106:16+ Aug 23 '69

- FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries; Technical Aid to Foreign Countries

FOREIGN DUTY PAY

- How to cut mistakes (in overseas pay). AF Times 30:10 Nov 19 '69
- Rivers cites 'morale' in request to halt o'seas allowance slash. Bob Schweitz. AF Times 30:1+ Dec 31 '69

FOREIGN LEGION

- A historical perspective of mercenaries. (Excerpt from research paper, Naval War College, 1968) Col George H. Dodenhoff. Nav War Col Rev 21: 91-109 Mar '69

- Larguez le pinard. (Eating habits for various nationalities in the French Foreign Legion) Howard H. Simpson. Army 19:41-43 Dec '69

FOREIGN NATIONALS IN THE ARMED FORCES

- 650 servicemen (with the U.S. Armed Forces in Southern Asia) win citizenship. AF Times 30:7 Nov 5 '69

FOREIGN OBJECT DAMAGE

- Airframe FOD. LtCol Lester R. Kerfoot, Jr. illus USA Avn Dig 15:54-56 May '69
- FOD--its impact on operational readiness. Capt Wharton R. Crawshaw. illus Aerosp Safety 25: 2-5 Aug '69
- FOD strikes again! illus Approach 15:40-44 Oct '69
- Foreign object damage sense. Maj Chester Goolrick. USA Avn Dig 15:36-48 Feb '69
- Ingestion--ingestion--ingestion (FOD to helicopters and the T58 engine). illus Aerosp Maint Safety 24: 14-17 Jan '69

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A real approach to FOD prevention. John B. Crocker and William Strong. illus Approach 14:36-40 Apr '69

SOP for FOD. illus USA Avn Dig 15:36-39 Apr '69

Toelbox FOD. USA Avn Dig 15:58-60 Aug '69

FOREIGN RELATIONS

For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--Japan; Great Britain--Foreign Relations--United States.

See also

International Relations

FOREIGN SERVICE see Diplomatic and Consular Service

FORMATION FLYING

Aerial combat maneuvers. illus Approach 14:1-7 Feb '69

Are we right side up? illus Aerosp Safety 25:2-4 Apr '69

Formation flying for B-52 pilots. Stephen Starch. illus Combat Crew 20:4-7 Jun '69

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At last, user oriented checklists and operator's manuals. Maj William H. Gardner. illus USA Avn Dig 15:22-26 Mar '69

Flight surgeons told to report aircraft hazards. AF Times 30:6 Aug 13 '69

The new CL (Check-Lists). Maj William H. Gardner. illus USA Avn Dig 15:16-20 Apr '69

OER changes set this year--new forms coming. Ed Gates. AF Times 29:1+ May 28 '69

1...2...3...5...five??? (Checklist items in aircraft operation) illus Aerosp Safety 25:8-10 Aug '69

Processing requests for non-FSN/local purchase items. TIG Brief 21:12-13 Apr 25 '69

Statement of Personal History (on DD Forms 398). TIG Brief 21:24 Oct 10 '69

Your Equipment Improvement Recommendations (EIR's) are important. W.H. Barthel. illus USA Avn Dig 15:58-61 Jan '69

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CDC. (Army research and testing) Interview. LtGen George I. Forsythe. por Data 14:15+ Dec '69

(MajGen Orwin C. Talbott, 31st Commandant, U.S. Army Infantry School, replaces MajGen George I. Forsythe, Sep 10, 1969) illus Infantry 59:7 Sep-Oct '69

Welcome Gen Forsythe (30th Commandant, U.S. Army Infantry School). por biog Infantry 59:2 Jul-Aug '69

FORTIFICATIONS

Bunker building: Advantages, by Capt Arthur C. Lane; Disadvantages, by Capt James D. Stephens. illus Infantry 59:46-50 Sep-Oct '69

Fortifications in the theater of operations. Col William G. Stewart. illus maps tab Mil Rev 49: 67-72 May '69

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FORWARD AIR CONTROLLERS

Air power (in conjunction with Operation Dewey Canyon) chokes enemy supply flow. AF Times 29:14 Apr 16 '69

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illus USA Avn Dig 15:2-6 Nov '69

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NORTH ATLANTIC TREATY ORGANIZATIONSee also

Allied Command Atlantic
Allied Command Channel

Allied Command Europe

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ONR see Office of Naval Research

OSI see Office of Special Investigations

OTS see Officer Training School

OWC see Officers Wives Clubs

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- Private pilot training today. R. A. Smith. illus tabs
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E. Morehouse. illus Am Avn Hist Soc J 14:125-127
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- Essential hypertension in airline pilots. F. Jönsson
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P. V. Siegel. Aerosp Med 40:932-934 Aug '69
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- AFIT--50 years old and going strong. Allan R.
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- How many more rounds for our aging heavyweight?
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Corona Harvest (analysis and evaluation) conference. (World Wide Project Officers' Conference, to be held at Maxwell AFB, Ala, Aug 12-14, 1969) Armed Forces J 106:13-14 Aug 2 '69

Mallard

Mallard moves into modeling and simulation phase. Interview. MajGen Paul A. Feyereisen. Armed Forces Mgt 15:46 Jul '69

(New DCA-Mallard Interface Technical Working Group (ITWG)) illus Signal 24:83 Nov '69

New View

The implications of "New View" for motivating officer behavior. Clifford E. Smith. illus AU Rev 20:57-62 Mar-Apr '69

100,000

AF got 22,750 men (formerly unacceptable to the Armed Forces) from (Project) '100,000' plan. AF Times 30:17 Sep 17 '69

Army officials tell Mil(itary) Con(struction) plans. Armed Forces J 107:9-10 Nov 1 '69

DOD asks: Should we draft slow learners? Armed Forces J 106:10-11 Jan 18 '69

New budget cuts hit 'social' plans. (Projects 100,000, Referral and Transition) AF Times 30:14 Dec 17 '69

Project 'One Hundred Thousand,' tabs Mil Rev 49: 100-101 Jul '69

Reading Proficiency Program. TSgt Bobby J. Meade. illus USAF Instrs J 7:48-51 Fall '69

PROJECT - Continued100,000 - Cont'd

Report (of Air Training Command staff on Project 100,000) questions skill testing--finds slow learners pushed too hard. AF Times 30:13 Nov 26 '69

PRIME

AFLC comptrollership. BrigGen John French. illus AF Compt 3:16-19 Jul '69

ATC's PRIME-69 test. LtGen Sam Maddux, Jr. AF Compt 3: back cover Jan '69

Budgeting in the Marine Corps. BrigGen Edwin H. Simmons. tab Armed Forces Compt 14:22-27 Apr '69

DOD resource management. Col Walter G. Vornbrock, Jr. illus AU Rev 20:70-77 Jul-Aug '69

FY 1970 PRIME procedures. TIG Brief 21:6 Aug 1 '69

Is PRIME a cut above choice? Editorial. D.V. Schnurr. AF Compt 3:1 Jan '69

Military working dog. Ernest G. Laurel. illus AF Compt 3:16-17 Oct '69

"PRIME" example. CAPT W. Robert McDowell. illus US Nav Inst Proc 95:130-135 May '69

PRIME (PRiority Improved Management Effort) and the operating manager in FY 1970. Michael E. Simon. illus tab AF Compt 3:6-8 Oct '69

PRIME (PRiority Improved Management Effort) potentials (in TAC). Col Howard K. Biles. illus AF Compt 3:15+ Oct '69

PRIME 69. (Naval Air Basic Training Command as a test activity during FY '68) RADM D.H. Guinn. illus US Nav Inst Proc 95:50-57 May '69

PRIME 69--an interim assessment. Michael E. Simon. AF Compt 3:2-6 Apr '69

PRIME 69 in SAC. LtCol Ralph Jackson. AF Compt 3:6-9 Apr '69

Palace Blueprint

Test Project (Palace Blueprint) to assign CE officers. AF Times 30:2 Nov 19 '69

Palace Dragon

Flight engineer call put out (for Project) Palace Dragon. AF Times 30:4 Sep 10 '69

Looking for SEA assignment?--'Palace Dragon' seeks volunteers. AF Times 29:9 Feb 12 '69

Peace Fortune

Project Peace Fortune (telecommunications network linking together South Korean aircraft control and warning facilities). Stanley Zebrowitz and Robert Kuhnle. map tab Signal 24:20-23 Oct '69

Prime BEEF

Aleutian pre-fab built fast. Sgt Ralph Lee. AF Times 30:32 Aug 27 '69

The Civil Engineering Center--to assist in implementing Air Staff policy decisions. Col Robert G. Gardner. chart illus AF Civil Engr 10:2-4 Feb '69

Eglin (AFB, Fla) conducts rugged training for Prime BEEF. illus AF Times 30:31 Aug 13 '69

PROJECT - ContinuedPrime BEEF Cont'd

Operation Combat Fox. illus map AF Civil Engr
10:2-6 Aug '69

The Pink Pony of the Air National Guard (TAC OPlan
20, TAC Modified Prime BEEF Training). SMSgt
Edward C. Legro. illus AF Civil Engr 10:6-7
May '69

Prime BEEF alert held by Reservists. illus
AF Times 29:35 Mar 19 '69

Prime BEEF (Base Engineer Emergency Forces)
Program. TIG Brief 21:15 Sep 12 '69

RED HORSE

Aircraft shelters (Hardened Shelter Program) in
Vietnam (erected by RED HORSE Sqs). Capt Paul
Y. Thompson. illus Mil Engr 61:273-274
Jul-Aug '69

C-141 training offered--RED HORSE NCOs sought
too. AF Times 29:19 May 7 '69

The Civil Engineering Center--to assist in imple-
menting Air Staff policy decisions. Col Robert G.
Gardner. chart illus AF Civil Engr 10:2-4 Feb '69

Construction boom changes Bien Hoa. illus AF Times
29:15 Feb 5 '69

Operation Combat Fox. illus map AF Civil Engr
10:2-6 Aug '69

RED HORSE (555th Civil Engineering Sq) volunteers
sought for Vietnam duty. AF Times 30:7 Aug 20 '69

RED HORSE--symbol of Air Force engineering
achievements. MSgt Ken Allen. illus Airman
13:25-29 Dec '69

RED HORSE unit (556th Civil Engineering Sq) inacti-
vated (U-Tapao AB, Thailand, Oct 1, 1969).
AF Times 30:18 Oct 15 '69

RED HORSE volunteers sought (for 820th Civil En-
gineering Sq in Vietnam). AF Times 30:9 Oct 8 '69

What's new at SEA bases. illus AF Times 29:15
Feb 19 '69

Rough Rider

Oklahoma weather observed (in Project Rough Rider).
AF Times 29:59 Jun 25 '69

SeaLab

SeaLab III remains in limbo. Herbert B. Berkowitz.
Armed Forces J 106:15+ Jul 12 '69

Tektite I: Sixty days under the sea. Diane Appleton.
map illus (Also cutaway) Data 14:45-48 May '69

Tektite

Success for Tektite. P. Eleson. Ordnance 54:93
Jul-Aug '69

Tektite 1. R. J. Fryer. illus map Spaceflight 11:421-
423 Dec '69

Tektite I: Sixty days under the sea. Diane Appleton.
map illus (Also cutaway) Data 14:45-48 May '69

Transition

'Job fair' run by (Project) Transition offices draws
civilians (Ent AFB, Colo). AF Times 30:34
Sep 10 '69

Job-help program (for separating serviceman)
spurred (by Melvin Laird). AF Times 29:14
Jul 30 '69

PROJECT - ContinuedTransition - Cont'd

Jobs sought (by servicemen) in New York by computer
(Operation Hire). AF Times 30:4 Nov 26 '69

Many benefits await vets. AF Times 29:5 Jan 22 '69

New budget cuts hit 'social' plans. (Projects 100,000,
Referral and Transition) AF Times 30:14
Dec 17 '69

O'sea office of transition hunts jobs (for Pacific EM).
John Greenwald. AF Times 30:4 Nov 26 '69

Post-service skills planned for recruits. AF Times
30:14 Dec 3 '69

Project Transition--bridge to the future. CAPT
Richard C. Maurer. illus Army Dig 24:6-8 Oct '69

Project Transition dropped overseas. John Green-
wald. AF Times 29:2 Jul 2 '69

Project Transition hit for bad management. AF Times
30:7 Dec 31 '69

'Transition' proves popular. John Greenwald.
AF Times 29:5 Mar 19 '69

VIPS (Veterans In Public Service) goes to ghetto (as)
teaching assistants. AF Times 29:B16 Mar 12 '69

PROMOTIONAir Force--U S

AF convenes MC board. Armed Forces J 107:13
Dec 6 '69

AF promotes 1,077. Armed Forces J 107:18
Dec 6 '69

AF promotions plans. Armed Forces J 106:11-12
Jun 21 '69

AF sets brigadier general board. Armed Forces J
107:12 Oct 11 '69

AF:60 (Regular officers) to get stars. Armed
Forces J 107:12 Dec 20 '69

AF star shift. Armed Forces J 106:15-16 Jul 5 '69

APR points Old, new balanced. AF Times 29:13
Jan 22 '69

All point ties to win stripe--Q and A on promotion
plan. AF Times 29:3 Mar 26 '69

'Automatic' hike to E-4 ruled by factors linked to
criteria dates. AF Times 30:3 Dec 31 '69

Bases to get hike guides--test study manual (for
WAPS testing). Bruce Callander. AF Times 29:14
Jun 4 '69

Bid to pick for O-3 via 'best qualified' nixed.
George Foster. AF Times 30:7 Nov 19 '69

Col (Paul F.) Patch pins on star (and other AF star
reassignment actions announced). AF Times
30:4 Oct 8 '69

Criteria (new AFR 38-29) waived for PWs, missing.
AF Times 30:5 Dec 17 '69

(DOD) budget plans still under wraps--cuts cloud
hike picture (FY 1970). AF Times 30:3 Sep 24 '69

Doing things for people, not to them. (Address, TAC
-NCO Academy, Langley AFB, Va, Nov 1, 1968)
MajGen Robert J. Dixon. AF Plcy Ltr for Comdrs:
Sup No. 1:14-18 Jan '69

PROMOTION - ContinuedAir Force--U.S. - Cont'd

E-5 quota increased by 5962. Bruce Callander. AF Times 29:1+ Feb 12 '69

ECI (Extension Course Institute) to ship texts for hike test study. AF Times 29:5 Jun 18 '69

EM hike board future dims. Bruce Callander. AF Times 29:1+ Mar 19 '69

EM hike boards may go. Bruce Callander. AF Times 29:1+ Jan 29 '69

EM hike outlook brightens--many selectees leave Service. AF Times 30:3 Sep 10 '69

EM quotas: A new twist (in Weighted Airmen Promotion System (WAPS)), Bruce Callander. AF Times 30:13 Aug 13 '69

EM: Scan hike folder--promotion could hinge on record certifications. Bruce Callander. AF Times 29:1+ May 21 '69

Effective airman promotion management. TIG Brief 21:5 Dec 5 '69

8th advances on major general list. AF Times 29:4 Feb 19 '69

86 more to pin on E-7 stripes in June. AF Times 29:3 Jun 11 '69

Enlisted promotion outlook brightens. Bruce Callander. AF Times 30:10 Dec 10 '69

Field-level posts up for O-6 chaplain. AF Times 30:5 Dec 31 '69

50 star hikes due in August. AF Times 29:5 Jul 30 '69

First WAPS (Weighted Airmen Promotion System) tests set for September. AF Times 30:10 Aug 27 '69

Five awarded generals' stars. AF Times 30:3 Nov 12 '69

5000 more picked for E-5 promotion. Bruce Callander. AF Times 29:1+ Apr 2 '69

For EM: Visibility of WAPS. AF Times 30:11 Dec 31 '69

Here's a (WAPS) points rundown--some just don't know the score. AF Times 30:5 Dec 17 '69

Hike due for many (officers) in August. George Foster. AF Times 29:1+ Jun 4 '69

Hike lag tied to cuts--reduction in forces believed likely soon. Bruce Callander. AF Times 30:1+ Aug 27 '69

Hope held for stripes--DOD aid needed. Bruce Callander. AF Times 30:1+ Oct 15 '69

How point formula was squeezed out--impact of previous boards. AF Times 29:13 Mar 5 '69

Key dates for WAPS. Table only. AF Times 30:4 Dec 17 '69

L(ieutenant) c(olonel) hikes expected by mid-September. AF Times 30:2 Aug 20 '69

(LtGen John C.) Meyer new Vice Chief (of Staff)--many stars reshuffled. Ed Gates. tab AF Times 29:1+ Jul 9 '69

A look at E-4 noncoms--where do they stand? AF Times 30:13 Nov 12 '69

Lost-record gambit dead (for promotion under WAPS). AF Times 29:10 Jul 30 '69

PROMOTION - ContinuedAir Force--U.S. - Cont'd

March quota: 14,621 stripes. AF Times 29:3 Feb 26 '69

More (specialty knowledge) tests readied for new hike plan. AF Times 29:23 Jun 18 '69

More win NCO hike, take dropouts' places. AF Times 30:6 Nov 5 '69

Most EM boards out. Bruce Callander. AF Times 29:1+ Apr 9 '69

Most to get 'automatic' promotion. tab AF Times 30:4 Dec 17 '69

NCOs hit officer E4 inputs. AF Times 30:4 Oct 29 '69

NCOs prepare hike queries: PFEs coming up. Bruce Callander. AF Times 29:3 Feb 19 '69

New AF generals. Armed Forces J 106:12 Jan 18 '69

New SKTs slated for promotion use. AF Times 29:19 Apr 9 '69

Noncoms at work on (promotion fitness and new specialty knowledge) tests. AF Times 29:17 Feb 26 '69

No-no list expanded under WAPS. AF Times 30:4 Dec 17 '69

O-4 board to pick (Service) School candidates. George Foster. AF Times 29:1+ Apr 9 '69

Officer personnel policies--a matter of perspective. George Foster. AF Times 29:13 Jul 30 '69

Officer promotion system. tab AF Times pt 1, Out-growth of a near famine. 29:13 Jan 29 '69; pt 2, The chance-to-advance rules. 29:13 Feb 5 '69

180 dual passovers for O-4 to leave. George Foster. AF Times 29:4 Jul 2 '69

193,000 due stripes (during FY 1970). Bruce Callander. AF Times 29:1+ Apr 30 '69

'Point' plan uses quota, not 'limits.' AF Times 29:3 Jan 15 '69

Points: Some for everyone. AF Times 29:13 Jun 11 '69

Points: Visibility--to a point. Bruce Callander. AF Times 29:13 Apr 16 '69

Possible stripes answer (to the question)--up-or-out plan 'in' again? Bruce Callander. AF Times 30:1+ Oct 22 '69

Prep classes for hike tests (under WAPS) taboo (according to AFR 205-13). AF Times 30:9 Sep 17 '69

President's aide due for star--Col (James D. Hughes) fills tough job. Ed Gates. AF Times 29:15 Jul 23 '69

Promotion waits cut--phase points reduced for hike to major, lieutenant colonel. George Foster. AF Times 29:1+ Mar 5 '69

Quicker AF grade hikes. Armed Forces J 106:13 Mar 8 '69

Reg (AFR 35-54) OKs backdate of DOR (Date Of Rank). AF Times 30:2 Dec 10 '69

'Report cards' (for unpromoted airmen) shown to NCOs (under Weighted Airmen Promotion System (WAPS)). illus AF Times 29:3 Aug 6 '69

Retiree bid no bar to E-8, 9 (promotion). AF Times 30:11 Sep 3 '69

PROMOTION - ContinuedAir Force--U.S. - Cont'd

(SKT) tests given new chore: Hike tool. Bruce Callander. AF Times 29:13 Apr 23 '69

Scorecard of points (under WAPS). AF Times 29:10 Jul 30 '69

Service time minimum set in EM hikes. tabs AF Times 29:5 Mar 26 '69

Single selection board plan studied for O-3s. AF Times 29:9 Jun 25 '69

67 nominated for first star. George Foster. tab AF Times 29:1+ Feb 5 '69

Skill controls lifted for E-4. Bruce Callander. AF Times 29:1+ Jul 23 '69

Stardom for 67. Armed Forces J 106:10-11 Feb 1 '69

Strength cuts slow EM hikes. AF Times 30:1+ Oct 1 '69

Stripes can be held up for men under cloud. AF Times 30:5 Dec 17 '69

Stripes cycles shifted (in (WAPS)). Bruce Callander. tab AF Times 30:1+ Dec 17 '69

Stripes hopes fanned anew. Bruce Callander. AF Times 30:1+ Dec 31 '69

Stripes quotas given--SAC, PacAF dominate list. tabs AF Times 29:4 Apr 9 '69

Test cramming (for WAPS): Striking a balance. Bruce Callander. AF Times 30:13 Dec 10 '69

Test guards toughened; WAPS (Weighted Airman Promotion System) near. AF Times 29:4 May 28 '69

33 to get 2d star, 10 win permanent hike. tab AF Times 29:3 Jan 22 '69

Top-two hikes due in January. AF Times 29:55 Apr 16 '69

Trial boards had little impact--(test of WAPS in Alaskan Air Command). AF Times 29:10 Jul 30 '69

Two more pin on star; 12 generals reassigned. AF Times 29:2 Apr 16 '69

2 nominated for third stars. AF Times 29:3 Mar 5 '69

2 promotion systems for officers: First star hardest. AF Times 30:11 Dec 31 '69

Value of tests questioned: Point-plan factor. Bruce Callander. AF Times 29:13 Feb 12 '69

WAPS proves hard to 'beat'--computers to grade tests. AF Times 30:14 Nov 26 '69

(WAPS) score can drop, rise, stay same. AF Times 30:4 Dec 17 '69

WAPS (Weighted Airman Promotions Systems) rules outlined. Bruce Callander. AF Times 29:1+ Jul 30 '69

Warren gets new DOD post. AF Times 29:17 Mar 19 '69

What will WAPS show? Impact of factors uncertain. AF Times 30:5 Nov 26 '69

When you don't make the (officer promotion) list. Col Christopher Bressan. Airman 13:55-57 Aug '69

Why WAPS (Weighted Airman Promotion System)? Ted R. Sturm. illus Airman 13:52-56 May '69

PROMOTION - ContinuedAir Force--U.S. - Cont'd

Will (personnel strength) cuts spur EM up-or-out? Bruce Callander. AF Times 30:13 Sep 3 '69

Statistics

AF names 892 colonels. tabs Armed Forces J 107:14-15 Oct 25 '69

AF promotes 965. Armed Forces J 107:13 Oct 11 '69

AF promotes 327. Armed Forces J 106:11 May 10 '69

AF to promote 33,414 (officers). tab Armed Forces J 106:7 Mar 1 '69

AF will name 900 colonels. Armed Forces J 107:14-15 Sep 20 '69

All holdover majors to get leaves July 1 (1969). George Foster. AF Times 29:1+ Jun 25 '69

All skills get E-8,9 hikes. AF Times 30:3 Nov 5 '69

Board to select LCs from 8900 eligible. AF Times 29:2 Jul 16 '69

Bonanza for EM--28,106 win July hike. Bruce Callander. AF Times 29:1+ Jun 25 '69

E-4 hikes catching quota: Supergrade rate slows, others gain. AF Times 29:5 Feb 5 '69

E-4 (promotions) quota: 36,797. Bruce Callander. AF Times 30:1+ Dec 3 '69

EM hikes take dive--skill controls grow as quotas shrink. Bruce Callander. tabs AF Times 30:1+ Oct 8 '69

892 selected for O-6--42 advance at once, 'secondary' identified. George Foster. tabs AF Times 30:1+ Nov 5 '69

8704 to vie for LC hike. AF Times 29:4 Jul 2 '69

1154 set for July 1 (1969) hikes. AF Times 29:3 Jul 2 '69

FY '70 'Top Six' hikes slated for 193,000. AF Times 29:5 Jul 9 '69

Field grade hikes seen for 33,000. George Foster. tab AF Times 29:1+ Jul 9 '69

5829 go up on first try. George Foster. tab AF Times 29:1+ Jun 18 '69

5639 due to receive O-4 hikes. George Foster. tab AF Times 29:1+ Feb 12 '69

5000 more picked for E-5 promotion. Bruce Callander. AF Times 29:1+ Apr 2 '69

4428 named for lieutenant colonel--4497 in primary zone passed over by board. Ed Gates. AF Times 30:1+ Sep 24 '69

4428 win hike to lieutenant colonel--some get rank now. AF Times 30:4 Sep 17 '69

4600 named for E-6, 7 stripes. Tables only. AF Times 30:38-40 Nov 26 '69

Hike lists show big wait for techs--E-5-7 statistics. AF Times 30:5 Dec 10 '69

Lieutenant colonel promotions rate reaches nearly 75%. tab AF Times 30:5 Sep 24 '69

March quota: 14,621 stripes. AF Times 29:3 Feb 26 '69

PROMOTION - ContinuedAir Force--U.S. - Cont'dStatistics - Cont'd

'Numbers game' rules hike pace--some E-7 selectees must wait. AF Times 29:15 May 14 '69

Officer hikes: No slowdown, cut impact light. George Foster. AF Times 30:1+ Oct 8 '69

Officers to wait for (field-grade) hikes--about 3100 affected. George Foster. AF Times 30:1+ Dec 17 '69

Only 55% win ROPA hike to lieutenant colonel. George Foster. AF Times 29:1+ May 7 '69

Pentagon gets lieutenant colonel hike list naming about 4300 officers. AF Times 30:4 Sep 10 '69

Rated/non-rated hike data given. tabs AF Times 29:9 Mar 5 '69

Regular LC quota set--at least 1710. AF Times 29:8 Apr 2 '69

Rise seen in quota for hike to major. George Foster. AF Times 29:1+ Apr 23 '69

Selection ratios listed for E8, E9. AF Times 29:4 Jan 8 '69

17,644 to add stripes. Bruce Callander. AF Times 30:1+ Nov 26 '69

76,934 EM set for hike. AF Times 29:1+ Mar 26 '69

697 officers advance Jan 1. George Foster. AF Times 30:5 Dec 31 '69

6000 to make major. George Foster. AF Times 29:1+ Mar 26 '69

16,600 due May stripes: E-5, 6 lists end. Bruce Callander. AF Times 29:1+ Apr 23 '69

Stripes delayed in Top-4. Bruce Callander. AF Times 30:1+ Oct 29 '69

Stripes quotas given--SAC, PacAF dominate list. tabs AF Times 29:4 Apr 9 '69

Supergrades promotions: Mixed bag. Bruce Callander. tab AF Times 30:1+ Dec 24 '69

Three win 1st star as many advance. AF Times 30:11 Dec 10 '69

3406 Regulars picked for permanent major. tab AF Times 30:3-4+ Oct 22 '69

Top NCO hikes to go to 2000. AF Times 30:2 Dec 17 '69

25,034 get June stripes. Bruce Callander. AF Times 29:1+ May 28 '69

25,245 add stripes with January quotas. AF Times 30:3 Dec 24 '69

2497 officers named as Reg(ular) AF selectees. George Foster. AF Times 30:1+ Aug 20 '69

230 Biomed(ical Sciences Corps) officers win promotion credit. Len Famiglietti. AF Times 29:11 Mar 12 '69

2025 selected for E-8 and E-9 (to) advance during 1970. Table only. AF Times 30:14+ Dec 24 '69

What happened to airman hikes? Bruce Callander. AF Times 30:13 Nov 5 '69

Armed Forces--U.S.

CinC shifts stars. Armed Forces J 106:11 Mar 1 '69

PROMOTION - ContinuedArmed Forces--U.S. - Cont'd

Space promotions should end. Editorial. AF Times 30:12 Dec 10 '69

Star status: Army, Navy, Air Force. Regular feature in issues of Armed Forces Journal since March 22, 1969

Army--U.S.

Army MC generals. Armed Forces J 106:9 May 3 '69

Army names 920 colonels. Armed Forces J 107:14+ Nov 1 '69

Army one-star board (to consider Army Promotion List (APL) and Women's Army Corps officers for appointment as temporary brigadier general). tab Armed Forces J 106:12 Aug 16 '69

Army promotion schedule. Regular feature in some issues of Armed Forces Journal

Enlisted promotion system: Decentralized system, by CSGM Gerald R. Lewis. (Reprinted from USAREUR Pamphlet 360-1-30, May 1969); Centralized system, by LtCol William J. Monyhan. Infantry 59:6-18 Jul-Aug '69

General officer nominations. Table only. Armor 78:67 Nov-Dec '69

Judge not lest ye be judged. Col Samuel H. Hayes. illus Mil Rev 49:3-10 Feb '69

Navy, Marine (promotion) bills move. Armed Forces J 107:7-8 Oct 4 '69

Officer promotion system. LtCol John O. Childs. illus Infantry 59:4-13 Jan-Feb '69

Officer promotion system. Maj Charles J. Garvey. Infantry 59:22-25 Jul-Aug '69

The outlook for the future. Col Roy W. Farley. illus Armor 78:14-15 Jul-Aug '69

Permanent stars for Army generals. Armed Forces J 106:12 Jan 18 '69

President nominates new Army generals. Armed Forces J 107:14+ Sep 20 '69

Statistics

Army (officer) promotion plans (for FY 69 and FY 70). tab Armed Forces J 106:7 Feb 22 '69

Marine Corps--U.S.

Twelve (Marine Corps colonels) get (brigadier general) stars. Armed Forces J 106:12 Aug 16 '69

USMC promotion status. Armed Forces J 107:14 Sep 20 '69

USMC promotion status. Armed Forces J 107:14 Nov 15 '69

Statistics

Navy, USMC (officer) promotions. tab Armed Forces J 106:7-8 Mar 1 '69

USMC promotion status. Armed Forces J 106:14 May 24 '69

USMC promotion status. Armed Forces J 107:12 Oct 11 '69

PROMOTION - ContinuedNational Guard--Air Force--U.S.

- Air Force Secretary (Robert C. Seamans, Jr) OK's personnel policy changes. Natl Guardsman 22:9 Jul '69
- Bonanza for EM--28,106 win July hike. Bruce Callander. AF Times 29:1+ Jun 25 '69
- Delay over, Senate okays 16 in Reserves, ANG for brigadier general. AF Times 30:4 Oct 8 '69
- 4 ANG men named for stars. AF Times 29:3 Jul 9 '69
- Reserve star list stalls. AF Times 29:13 May 14 '69
- 17 Reservists (and Air National Guard officers) named for star hikes. AF Times 29:35 Mar 12 '69

Statistics

- 16,600 due May stripes: E-5, 6 lists end. Bruce Callander. AF Times 29:1+ Apr 23 '69

National Guard--Army--U.S.

- Nonactive promotion standards. tab Mil Rev 49:104 Jul '69
- "Point system" in the making for Army Guard NCO promotions. Natl Guardsman 23:13 Jun '69
- Stars for Guard and USAR. Armed Forces J 106:9 Mar 29 '69

Navy--U.S.

- Impact of Senior Service College education on naval officer promotion. (Lecture, Naval War College, April 29, 1969) CAPT Edward R. Day, Jr. tabs Nav War Col Rev 22:58-67 Sep '69
- Officer promotion planning. (Lecture, Naval War College, 1969) CDR James K. Martin. illus tabs Nav War Col Rev 22:68-74 Sep '69
- Trends in flag selection criteria and their effect on career management. (Research paper, Naval War College, 1967) LCDR Thomas R. M. Emery. tabs bibl Nav War Col Rev 21:78-95 Jan '69

Statistics

- Navy names 994 commanders. Armed Forces J 107:15+ Sep 20 '69

- Navy, USMC (officer) promotions. tab Armed Forces J 106:7-8 Mar 1 '69

Reserve Forces--Air Force--U.S.

- (AF) Reserve star criteria tightens. AF Times 29:9 Jun 4 '69
- Air Force Secretary (Robert C. Seamans, Jr) OK's personnel policy changes. Natl Guardsman 22:9 Jul '69
- Delay over, Senate okays 16 in Reserves, ANG for brigadier general. AF Times 30:4 Oct 8 '69
- The hassle over (ROPA) eagle, lieutenant colonel boards. George Foster. AF Times 30:13 Nov 19 '69
- New shift (in date) sought in (ROPA) lieutenant colonel board (for FY 1970). AF Times 30:2 Oct 22 '69
- Promotion waits cut--phase points reduced for hike to major, lieutenant colonel. George Foster. AF Times 29:1+ Mar 5 '69

PROMOTION - ContinuedReserve Forces--Air Force--U.S.

Cont'd

- ROPA hike boards slated--active and non-AD combined. AF Times 30:19 Sep 24 '69
- ROPA lieutenant colonel board meets in January--will consider those leaving. AF Times 30:62 Dec 3 '69
- Reserve star list stalls. AF Times 29:13 May 14 '69
- Senators to keep eyes on Reserve starlists. AF Times 30:8 Nov 12 '69
- 17 Reservists (and Air National Guard officers) named for star hikes. AF Times 29:35 Mar 12 '69
- 6000 to make major. George Foster. AF Times 29:1+ Mar 26 '69
- TIG (Time-In-Grade) reduced a year for hike to ROPA O-6. George Foster. AF Times 29:10 Jun 11 '69
- USAFR star route tougher. (Now requires graduation from Air War College, Industrial College of the Armed Forces, or another Senior Service College) Armed Forces J 106:11 Aug 23 '69

Statistics

- Bonanza for EM--28,106 win July hike. Bruce Callander. AF Times 29:1+ Jun 25 '69
- Only 55% win ROPA hike to lieutenant colonel. George Foster. AF Times 29:1+ May 7 '69
- 16,600 due May stripes: E-5, 6 lists end. Bruce Callander. AF Times 29:1+ Apr 23 '69
- 3700 vie for ROPA colonel--'overall vacancy' hikes. AF Times 29:18 Mar 19 '69

Reserve Forces--Army--U.S.

- Nonactive promotion standards. tab Mil Rev 49:104 Jul '69
- Stars for Guard and USAR. Armed Forces J 106:9 Mar 29 '69

Reserve Forces--Navy--U.S.

- Reserve flag promotion plan approved. Officer 45:20 Feb '69

PROPAGANDASee also

- Vietnamese Conflict, 1957- --Propaganda
- For the home viewer. James J. Haggerty. Armed Forces J 106:19 Mar 1 '69
- Moscow speaking. LtCol Donald L. Clark. illus AU Rev 20:77-82 Sep-Oct '69
- Propaganda for the PLA (People's Liberation Army): Soviet attempts to subvert the Red Chinese Army. Richard H. Giza. illus Mil Rev 49:89-95 Sep '69

PROPELLANTS

- DOD studies new propellants (ammunition explosives) test plan. Walter Andrews. chart tab Armed Forces J 107:24-25 Oct 18 '69
- Medical evaluation of missile fuel handlers. William H. King and others. tabs Aerosp Med 40:315-317 Mar '69

PROPELLANTS - ContinuedSafety Measures

Are your ammunition procedures dangerous? Maj Charles W. Jackson, Jr. illus tabs Fld Artilleryman No. 44:57-62 Nov '69

PROPELLANTS, LIQUIDSee also

Hydrogen, Liquid

PROPERTY, GOVERNMENT

DOD: Landlord over 26.3 million acres (joins with Dept of the Interior to conserve natural resources). C. V. Glines. illus tab Armed Forces Mgt 15:55-58 Jun '69

New damage law asked for government property. AF Times 29:47 Jul 30 '69

Worldwide theft of Air Force property. TIG Brief 21:18 Feb 14 '69

PROPULSION SYSTEMSSee also

Boosters
Thrust

also specific types of propolusion, e.g.,
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It costs more to stay home (than to use AF's FAMCAMPs). Edison T. Blair. illus Airman 13:40-43 Mar '69

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AF officer (personnel) cutbacks. Armed Forces J 107:11-12 Oct 4 '69

Army offers E-4, 5, to some (civilians with special skills). AF Times 30:11 Aug 20 '69

Graduates get special deal--assignment before enlistment. AF Times 29:7 Jan 22 '69

More than 45,000 cuts to come in recruiting. AF Times 30:3 Oct 22 '69

Qualified specialists (for assignments in recruiting ROTC and overseas military missions) in demand. AF Times 30:9 Sep 17 '69

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20-year hitch idea axed. AF Times 29:7 Jun 25 '69

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(AF) Reserves (voluntary line officer) recall plan dies. AF Times 30:2 Oct 1 '69

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Army training base reduction. Armed Forces J 107:9 Dec 13 '69

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Bases to shut--cutback hits thousands. Bruce Callander. AF Times 30:1+ Nov 12 '69

Better-paid Reserves may offset Force cut. AF Times 30:10 Nov 12 '69

Blame (Navy Reserve) cuts on HEW "crowd." Armed Forces J 107:11 Dec 20 '69

Budget-cutting reduces Air Guard program levels. Natl Guardsman 23:16 Nov '69

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Cuts hit civilians, SP, Reserve units. AF Times 30:5 Nov 12 '69

The cuts, the risks (a "calculated risk"). Editorial. AF Times 30:12 Oct 8 '69

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Early-out program expected (for airmen and some officers). Bruce Callander. AF Times 30:1+ Aug 20 '69

Eight more destroyers (and two aviation units) dropped (under Project 703). L. Edgar Prina. illus Navy 12:37-38 Dec '69

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(Gen Earle) Wheeler gloomy on war end. Bob Horowitz. AF Times 30:6 Aug 13 '69

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Is unification (of U.S. Forces) answer to reductions? Bruce Callander. AF Times 30:13 Sep 17 '69

Large troop cuts seen--DOD estimates near 200,000. AF Times 30:11 Aug 13 '69

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More than 45,000 cuts to come in recruiting. AF Times 30:3 Oct 22 '69

New cut: 24,000--mostly Army. AF Times 30:8 Oct 29 '69

Non-rated early outs advanced. George Foster. AF Times 30:6 Oct 29 '69

Pay raise to eat into (manpower) cut savings. (Excerpts from address, 26th Annual Dinner Meeting, National Security Industrial Assoc) Melvin R. Laird. AF Times 30:4 Oct 1 '69

SecDef announces military/civilian cutbacks (at installations in CONUS and abroad). Armed Forces J 107:8+ Nov 8 '69

10% o'seas cut to hit Pacific hardest. AF Times 30:5 Dec 10 '69

Ten percent personnel cutback (in direct-hire civilian personnel serving abroad). Armed Forces J 106:11 Jul 19 '69

\$3 billion in (military budget) cuts touch all Services. AF Times 30:1+ Sep 3 '69

War-end budget (for Vietnam, FY '71) advised. AF Times 30:2 Oct 15 '69

Withdrawals in Vietnam (by April) to cut back on strength. AF Times 30:2 Dec 31 '69

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Ten percent personnel cutback (in direct-hire civilian personnel serving abroad). Armed Forces J 106:11 Jul 19 '69

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Changes in VRB scheduled for July. AF Times 29:9 Feb 26 '69

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First-term re-up goal jumps. Bruce Callander. tab AF Times 29:3 Jul 16 '69

More get full VRB in lump. Bruce Callander. AF Times 29:1+ Jun 11 '69

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More lures planned for eight-year men (variable reenlistment bonus for a second reenlistment and new retraining opportunities). Bruce Callander. AF Times 30:1+ Sep 17 '69

NCOs hit officer E4 inputs. AF Times 30:4 Oct 29 '69

Prefix (to AFSC) no obstacle to base of choice. AF Times 30:2 Oct 22 '69

Prestige sought for Top Three (Program). Bruce Callander. AF Times 29:13 May 21 '69

Pro pay, bonuses shuffled. Bruce Callander. tab AF Times 29:1+ Mar 26 '69

Re-up pool of '74 to lack depth. Bruce Callander. AF Times 30:13 Dec 3 '69

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Skill money called safe through June. AF Times 30:8 Oct 22 '69

Skill pay dilemma faces EM. Bruce Callander. AF Times 29:1+ Feb 5 '69

Some selectees for AECF (Airman Education and Commissioning Program) must get out and re-up. AF Times 29:3 Jun 18 '69

Top stripes steer Top Three. CMSgt M. Martinez. Airman 13:18-19 Jul '69

Top-Three evaluation. TIG Brief 21:11 Aug 15 '69

Top-Three Program. TIG Brief 21:6 Jul 3 '69

Top-Three Program evaluation. TIG Brief 21:8 May 9 '69

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Top-Three Program boosts re-ups. AF Times 29:5 Jun 11 '69

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DOD adds \$28 million to sweeten VRB plan. AF Times 29:10 Jan 29 '69

Deductions to reduce new take-home pay. AF Times 29:21 Jun 4 '69

Most stay in Service despite loss of VRB. AF Times 30:9 Aug 27 '69

(Navy and Air Force, 1967-68, paid improper proficiency pay and reenlistment bonuses for officer candidate training.) Armed Forces J 106:30 Aug 16 '69

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The Marine Corps (has tightened its "ship-over" regulation)s so "only the best" Marines will go career). AF Times 30:19 Oct 1 '69

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REEVES, Raymond J.

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The gap in our (United Kingdom) defences. Editorial. Army Qtr 98:131-135 Jul '69

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Big brother CIOR (Interallied Confederation of Reserve Officers) planning to help NATO come of age at '70 Congress in Belgium. (Report on 22d Congress, Breda, Holland, Aug 1969, at which Gen Andrew J. Goodpaster delivered keynote address) Col John T. Carlton. illus Officer 45: 6-7 Oct '69

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Congress (Armed Services) Committees run out of time; prospects dim for Reserve legislation. Robert S. Horowitz. Officer 45:21 Oct '69

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(Ernest Massad, Deputy Assistant Secretary of Defense for Reserve Affairs, suggests his job be abolished.) Robert S. Horowitz. AF Times 29:11 May 28 '69

LBJ holdover (MajGen Ernest L. Massad) departs. Armed Forces J 106:12-13 Jun 14 '69

\$100 million hike in Reserve pay effective 1 July with new scale. Robert S. Horowitz. Officer 45:10 Jul '69

ROA urges Congress to set selected average Reserve at 645,000--statement to Services units (Armed Services Committees of the House and Senate) rejects end strength proposal (providing Fiscal 1970 strength authorizations). Col John T. Carlton. Officer 45:11+ Jul '69

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Reserve (Forces) Policy Board ponders three points. AF Times 29:6 Apr 16 '69

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Reserves second fiddle? Armed Forces J 106:10 May 31 '69

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House Committee asked by ROA to approve Coast
Guard Reserve strength of 18,000. Col John T.
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Blame (Navy Reserve) cuts on HEW "crowd." Armed
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Big brother CIOR (Interallied Confederation of Re-
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ROA urges Congress to set selected average Reserve
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Colleges (Stanford, Princeton, Brown) seek new
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Junior ROTC trains leaders. MSgt Ken Allen. illus
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Army ROTC issues reminder on scholarship deadlines. Officer 45:12 Nov '69

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Junior ROTC helps high school boys as soldiers and patriotic citizens. Thelma Slayden. Officer pt 1, 45:13-14 May '69; pt 2, 45:24-25 Jun '69

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SAMSO see Space and Missile Systems Organization

SAR see Search and Rescue

SATCOM see Satellite Communications Agency

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